

OFFICE OF ENTERPRISE TECHNOLOGY SERVICES

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January 18, 2023

The Honorable Ronald D. Kouchi President of the Senate and Members of the Senate Thirty-First State Legislature State Capitol, Room 409 Honolulu, Hawaii 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 http://ets.hawaii.gov (see "Reports").

Sincerely,

Douglas Murdock Chief Information Officer State of Hawai'i

Attachments (2)



Hawaii Department of Human Services Systems Modernization Project

Final IV&V Status Report for Reporting Period: December 1 – 31, 2022

Submitted: January 17, 2023



Overview

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





Executive Summary



On December 22, 2022, DHS and the new ASI completed the joint BES project restart planning meetings, and the new ASI used the remainder of December to conduct internal planning activities. January 17, 2023, is the formal BES project restart kickoff date.

As the BES project has been in a replanning phase, there are few updates to the IV&V open findings in this reporting period. However, the new ASI is aware of the open IV&V findings and should be considering the recommendations in the planning phase. Other BES project observations that DHS and IV&V have had that should be taken into consideration include:

- DHS and IV&V are very interested in ensuring that the DHS project team and the new ASI have a shared vision of the BES solution and how BES will be built to ensure the process from initial application to final enrollment decisions, benefit issuance, and redetermination of eligibility are designed with all requirements being met with a high-usability score for all BES users. The "big-picture" roadmap provided by the new ASI is planned to help deliver this vision.
- A clear traceability of all contract requirements from the opening design sessions through to final testing is needed to
 ensure all contract requirements will be met. A comprehensive Requirements Traceability Matrix (RTM) is critical to this
 process.
- The new ASI needs to verify that they are in sync with DHS regarding the detail of each requirement and the detail of the work and estimates to perform the work in the new project schedule. With the kickoff date scheduled for January 17, 2023, it will be critical for DHS project management and the new ASI project management to collaborate and agree upon a detailed Design, Development, and Implementation (DDI) approach and project schedule in early January.
- DHS and the new ASI need to support this project with knowledgeable Integrated Eligibility and Enrollment (IEE) business and technology-experienced staff thoroughly engaged as the BES is designed, built, and tested.

The BES Project restart is an opportunity to build the BES application that is automated and integrated as the State of Hawaii envisioned. Taking some of these steps early in the replanning phase will support the Project's ability to align with DHS' planned outcomes.

Executive Summary

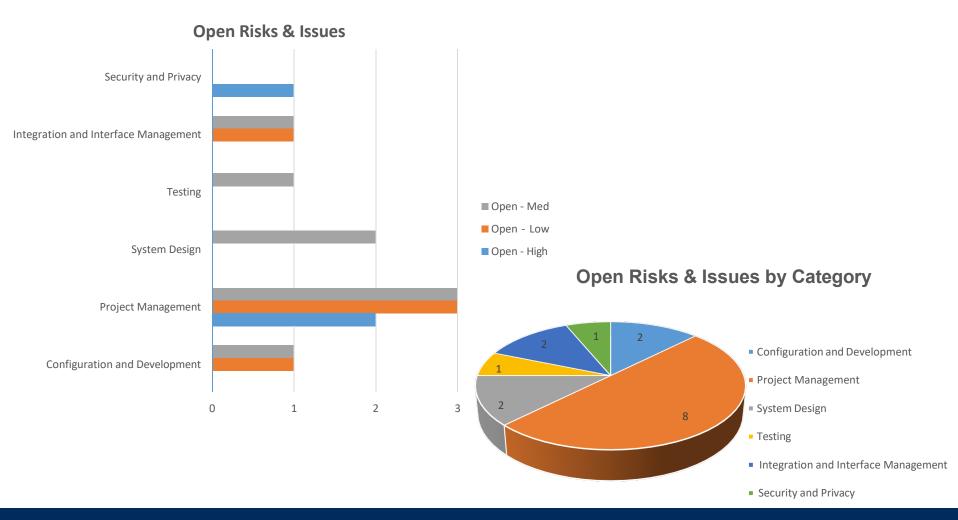


| Oct | Nov | Dec | Category | IV&V Observations |
|-----|-----|-----|--|---|
| Н | Н | Н | Project Management | The new ASI continued to work on the revisions to the project management approach to include historical lessons learned. The revised project schedule will be published in early January 2023. |
| M | M | M | System Design | IV&V will review and assess the new ASI approach to ensure the BES design meets all requirements when the documents are made available to IV&V. |
| M | M | M | Configuration and Development | The new ASI is working to finalize its Design, Development, and Implementation (DDI) approach, which will be documented in the BI-6 System DDI Plan. Once published, IV&V will review to verify it meets the contract requirements and applicable best practices. |
| M | M | M | Integration and Interface Management | No additional interface details have been provided by the new ASI. The decision to integrate the Self-Service Portal (SSP) or Public Assistance Information System (PAIS) portal with BES remains outstanding. |
| M | M | M | Testing | The new ASI plans to follow Agile principles using close collaboration of the testing and design teams within sprints. Once the BES Project schedule is baselined and accepted by DHS, IV&V can review and assess to verify the required testing resources are available. |
| Н | Н | Н | Security and Privacy | This has been a historically challenging area because of the integration required with the BES technical solution and with the number and significance of the BES Privacy and Security Requirements. IV&V will review the security artifacts when the documents are made available to the team. |



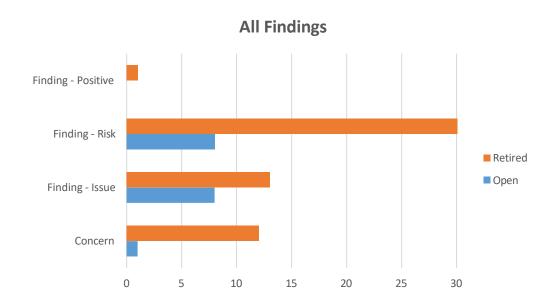


As of the December 2022 reporting period, PCG is tracking 16 open findings (8 risks, 8 issues) and has retired a total of 59 findings. All these findings were opened during the tenure of the prior ASI. Of the 16 open findings, 8 are related to Project Management, 2 in Integration and Interface Management, 1 to Testing, 2 to System Design, 2 to Configuration and Development, and 1 to 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 skilled ASI resources may reduce project productivity and quality of the BES design and lead to schedule delays. | |
| 8 | No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | Project Management |

| Recommendations | Progress |
|--|------------|
| ASI explore augmenting their team with highly capable resources that can provide expert-level software development leadership that could potentially accelerate the project and reduce the burden on DHS SMEs. | In process |
| DHS works closely with the ASI in their staffing efforts and quickly, but thoroughly, vet additions to the ASI project team. | In process |
| Request the ASI make efforts to ensure solutions they have provided, and key design decisions, are properly vetted by industry experts to ensure the best options are being presented to DHS. | In process |



Findings Opened During the Reporting Period

| # | Finding | Category |
|---|---------|----------|
| | None | |



| # | Key Findings | Criticality Rating |
|---|--|-----------------------|
| | Issue - Late delivery of project deliverables has caused schedule delays. | |
| 2 | No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | M |

| Recommendations | Progress |
|--|---------------|
| Until the revised schedule is baselined, continue monitoring and analyzing deliverables to ensure there is no minimal impact on the critical path. | to In process |



| | # | Key Findings | Criticality Rating |
|--|----|--|-----------------------|
| | 00 | Issue – Uncertainty and/or a lack of communication around long-term architecture decisions could impact the project budget, schedule, system design, and planning decisions. | |
| | 29 | IV&V and some DHS stakeholders remain concerned with the lack of clarity and lack of communication around the plans for and capabilities of the BES public portal. | 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 |



| # | 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. | Н |
| 43 | No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | |

| Recommendations | |
|---|----------------------|
| DHS continue to work with the appropriate organizations to identify the funds necessary to fill these pos | sitions. In process |
| DHS consider other options (Contractors, State employees borrowed from other agencies) to fill these particles if there is ongoing difficulty in finding permanent hires. | positions 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. No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | L |

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



| | # | Key Findings | Criticality Rating |
|----|----|--|-----------------------|
| 40 | 49 | Issue – Poor quality project deliverables may impact system design, testing artifacts, and the project schedule. | |
| | 49 | No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | |

| Recommendations | 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 a 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. IV&V will review the relevant documents that come out of the restart planning and verify that the basis of this finding is now within the BES Project scope. | M |

| Recommendations | 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 |
|----|---|-----------------------|
| | 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. | |
| 74 | The Project completed transition activities and is preparing for a Project restart kick-off on January 17th. The new ASI plans to present an updated schedule during the kick-off. However, without prior review from stakeholders, the proposed schedule may cause further questions and discussions which may impact restart activities creating immediate delays. IV&V added a recommendation regarding DHS/ASI collaboration on the schedule. | Н |

| 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 |
| The new ASI presents a draft schedule for DHS review/feedback in advance of the project restart kickoff. | Not Started |



| # | Key Findings | Criticality Rating |
|----|---|-----------------------|
| 76 | Risk – Volunteer DHS resources leaving the Project may lead to schedule delays, lower morale, and burnout. A key resource from DHS left the project; one of the most knowledgeable and vocal DHS Product Owners. With no additional DHS resources being added to the Project design sessions could be negatively impacted by this departure. | M |

| 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 |
|----|------------|--|-----------------------|
| | 62 | Risk – The lack of early planning and coordination with interface partners may result in schedule delays. | |
| 63 | 0 3 | No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | L |

| Recommendations | Progress |
|---|------------|
| 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 |
| 19 | No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | |

| 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 | Criticality Rating |
|---|----|---|-----------------------|
| • | 70 | Risk – Insufficient configuration management could lead to development confusion and reduce the effectiveness of defect resolution. No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | L |

| Recommendations | |
|---|----------------|
| ASI adhere to plans for configuration management as documented in BI-6 DDI Plan, Section 5.2 and clarify details and/or any changes with DHS. | 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. No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | M |

| 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. The new ASI continues to develop its approach to the BES design sessions. IV&V will reassess this issue along with the below recommendations when the new ASI restarts the BES design sessions. | M |

| 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 | Criticality Rating |
|----|--|-----------------------|
| 73 | Risk – The planned BES infrastructure is complex which could be difficult to implement and maintain and could lead to schedule/cost impacts. No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | M |

| Recommendations | |
|--|----------------|
| ASI clearly communicate the potential costs and schedule impacts to implementing the planned infrastructure. | In process |
| 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. | In process |
| ASI develop a process to closely monitor cloud and other product changes (software updates/new releases), manage changes, and regression test once updates are applied. | In process |
| The project team work to establish strong governance over the utilization and maintenance of various components to simplify their use and monitoring. | Not Started |
| • 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. No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IV&V will reassess this finding and our associated recommendations once more is known. | M |

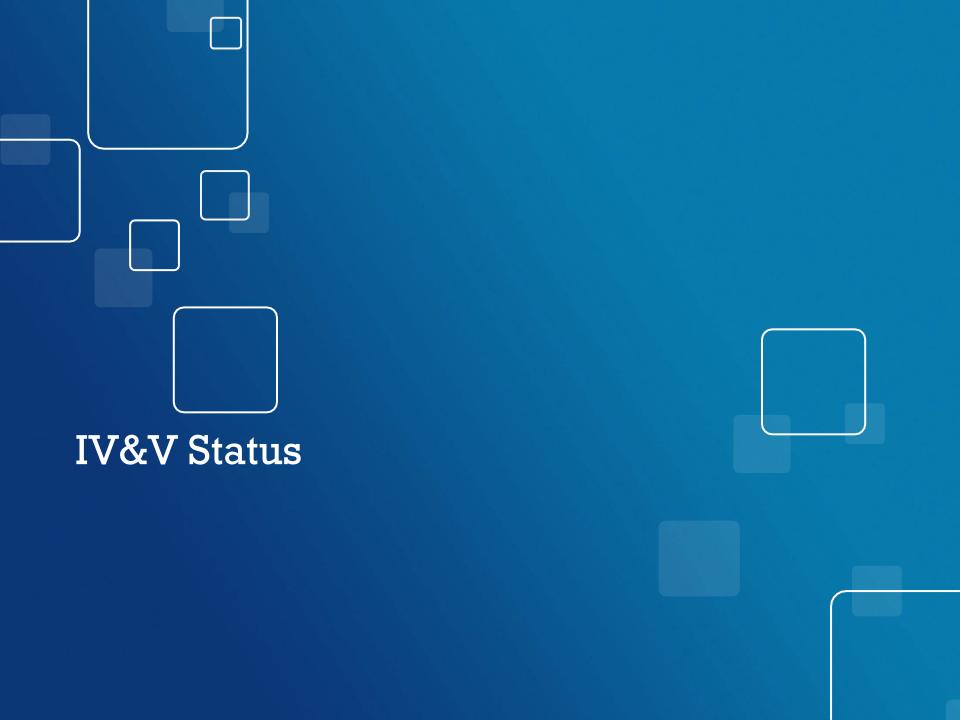
| Recommendations | |
|---|------------|
| The ADA tool meets contractual and project requirements. | In process |
| The ASI communicates a plan for ADA test execution. | In process |
| The ASI communicates how the tool will be used to report compliance and non-compliance and how non-compliance will 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 |
|---|---|--|-----------------------|
| 6 | 8 | 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. There remains a significant amount of work to plan, implement, test, and approve all Security and Privacy | Н |
| | | controls prior to starting the BES Pilot. The controls should be implemented and documented in a manner that allows effective maintenance. | |

| Recommendations | Progress |
|--|-------------|
| The ASI continues 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 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). | In process |
| • DHS review the proposed staff resume, interview individual, and approve resource to ensure that they meet the position's contractual requirements. | Not Started |



IV&V Engagement Status



| IV&V Engagement Area | Oct | Nov | Dec | Comments |
|----------------------|-----|-----|-----|---|
| IV&V Budget | | | | |
| IV&V Schedule | | | | |
| IV&V Deliverables | | | | PCG submitted the final November IV&V Monthly Status Report. |
| IV&V Staffing | | | | DHS has approved Mark Reynolds as an addition to the PCG IV&V team. |
| IV&V Scope | | | | |

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

IV&V Activities



- IV&V activities in the December reporting period:
 - Completed November Monthly Status Report
 - Ongoing Review the BES Project Artifacts
 - Ongoing Attend BES Project meetings, (see <u>Additional Inputs</u> pages for details)
 - Reviewed available ASI Original Contract and BES Optimization contract amendment documentation
 - Completed Participate in DHS and IV&V Project Restart Planning meetings
- Planned IV&V activities for the January reporting period:
 - Starting Attend BES Project Restart kickoff meeting
 - Starting Observe BES Design and Development sessions as scheduled
 - Starting Observe Bi-Weekly Project Status meetings
 - Starting Observe Weekly Architecture meetings
 - Starting Observe Weekly Security meetings
 - Starting Observe Agile Development 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 |
|--|---------------------|---------|
| No deliverables submitted in reporting period due to work stoppage | | |
| | | |
| | | |
| | | |
| | | |

<u>Additional Inputs – Artifacts</u>



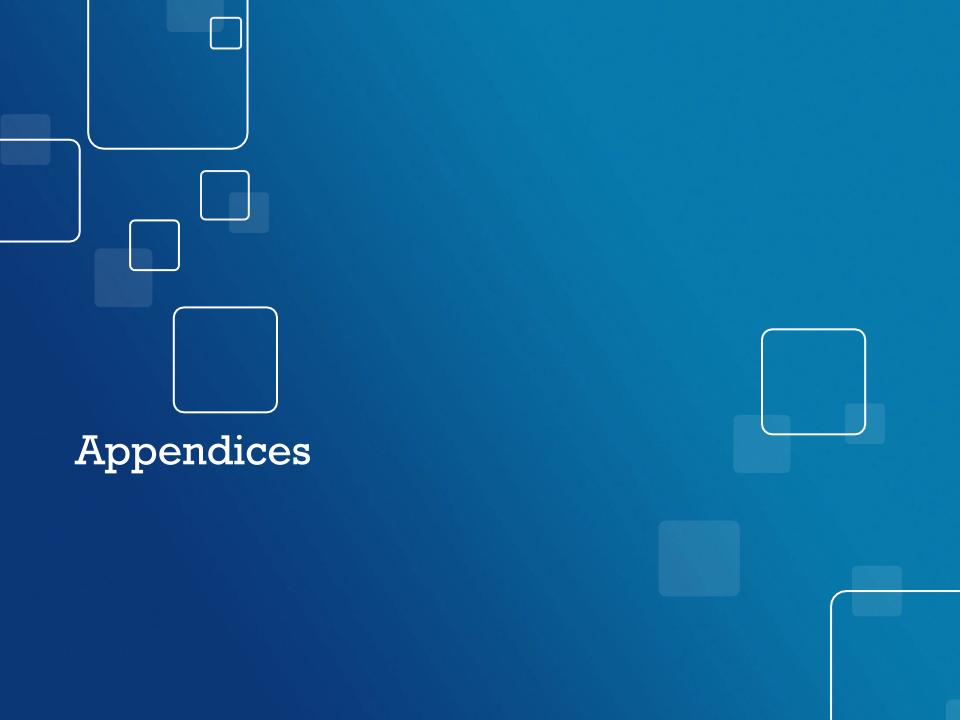
| Artifact Name | Artifact Date | Version |
|---|---------------|---------|
| Unisys Contract Amendment 3 | 4/17/2020 | N/A |
| Unisys Contract Amendment 4 | 5/1/2021 | N/A |
| FNS Handbook 901 | 01/2020 | V2.4 |
| NIST Special Publication 800-53 Security and Privacy Controls for Information Systems and Organizations | 12/20/2020 | Rev.5 |
| One RTM (Aha) | N/A | V1 |
| BES DDI Post-transition 11-46-2022 draft | 11-16-2022 | N/A |
| BES 2023 New Way Forward | 11-29-2022 | N/A |
| BES 2023 Implementation, Appendix – Plan Approach Details | 11/29/2022 | N/A |
| BES 2023 Implementation Planning – Confluence page | N/A | N/A |

Additional Inputs



Meetings and/or Sessions Attended/Observed:

- 1. Weekly Platform Status Meeting 12/6/2022, 12/13/2022
- 2. IV&V Team Meeting 12/1/2022, 12/5/2022, 12/8/2022, 12/12/2022, 12/19/2022
- 3. HI DHS BES November Draft IV&V Report Review 12/12/2022
- 4. IV&V November Findings Roast 12/6/2022
- 5. Bi-Weekly DHS and IV&V Touch Base Meeting 12/22/2022
- 6. Weekly BES Infrastructure meeting 12/9/2022, 12/23/2022
- 7. DHS/IVV Check-in 12/2/2022, 12/7/2022
- 8. BES 2023 Implementation Planning SSP/PAIS Session 12/8/2022, 12/9/2022, 12/12/2022, 12/13/2022, 12/14/2022, 12/15/2022, 12/20/2022, 12/22/2022
- 9. BES 2023 Implementation Planning Project Management 12/8/2022, 12/12/2022, 12/14/2022, 12/19/2022
- 10. BES 2023 Implementation Planning Functional Design 12/8/2022, 12/13/2022, 12/15/2022, 12/20/2022, 12/21/2022
- 11. BES 2023 Implementation Planning Automation testing framework Overview and integrations 12/8/2022
- 12. BES 2023 Implementation Planning Requirement Management 12/9/2022, 12/12/2022, 12/14/2022, 12/19/2022, 12/21/2022
- 13. BES 2023 Implementation Planning Manual Test Team Approach 12/12/2022
- 14. Weekly BES Infrastructure Meeting 12/9/2022





Appendix A – IV&V Criticality Ratings

| Criticality Rating | Definition |
|-----------------------|--|
| H | 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. |
| | 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

| סו | Finding | Identified | | | | | | Analyst | Finding | | | |
|--|-----------------|--|--|--|--|----------|------------------|---------------------|----------------|---|----------------|-----------------|
| 181 Lack of skilled ASI resources may reduce Michael Fors | Type Concern | Date Category 9/8/2022 Project | Observation DHS stakeholders and IVV have observed that working session productivity | Significance A primary factor of project success is establishing a skilled, experienced, | ASI explore augmenting their team with highly capable resources that can | ASAP | Impact Probabili | y Priority 3 Med | Status Open | Status Update 12/31/2022 - No material update in the reporting period as the work | Lient Comments | Vendor Comments |
| project productivity and quality of the BES design and lead to schedule delays. | | Management | has been hindered by some ASI team members who may lack sufficient software development and analysis sepertise, knowledge, experience, skill levels, and/or capabilities to assure software quality and overall productivity to meet project milestones. ASI seam members who may have sufficient capabilities appear to be working at capacity and often appear overwhelmed with maintaining quality and compensating for less experienced or feless | 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 50 additional recourses to their | provide expert level software development leadership that could potentially accelerate the ropicst and reduce the burden on DRS SMEs. ORS works closely with the ASI in their staffing efforts and quickly, but thoroughly, vet additions to the ASI project team. • Request the ASI make efforts to ensure solutions they have provided, and key design decisions, are properly vetted | | | | | stopage continued and the new AS Conductor text or planning, NY will reasons this finding and associated recommendation occur now it shows: 112/00/2012. We make rid update in the responsing period as the MODI/IV22. This finding was raised in relation to the prescriptor period as the MODI/IV22. This finding was raised in relation to the prime construct and association cost of the prime construct and association cost of the November of the Properties of the Properties of the November o | | |
| Development dräps could negatively impact infors the project schedule and delay go live. | | Development | AS reported development activities have been slowed as they have been used to active and of maintain enter expected development velocity. The ASIs working to produce a root cause analysts and remediation plan to the produce and the produc | lacking the expertise required to create system designs and specifications which will be the developers color common without having to get extensive cellular cellification from the ASTAPA's team. Let a only observed instance where ASTAPA's team. Let a only observed instances where ASTAPA's team. Let a only observed instances where ASTAPA's team. Let a compare the astaPAPA's team of the ASTAPA's team of th | Roof Cause Assluyis IECA. *As Consider moving/admig/replacing project team resources starsingly in effectively received voice). Note that adding additional justice resources may not be as effective as staffing additional justice resources may not be as effective as staffing additional justice resources may not be as effective as staffing and additional project resources are as a staffing and additional project staffing and accordance with a contract voice of the staffing and the staffing and accordance without project staffing and consistently effected in the project schedule. | immedate | 3 | 3 Med | Open | ISTATIONS.27—No material update in the reporting period as the work suppage continue and the mean ASS conductive stem planning. Will incases the finding and one associated recommendations one more is the suppage continue and the mean ASS conductive stem planning will incase the finding and one associated recommendations can one more is suppared to the suppared to | | |
| 79 Istardavendor dela pin the development Al Pangelhan of the BES to Amanagement system (Current) interface have impacted the project schedule. | n Finding - tos | 6/3/2022 Integration and interference Management | The EST-Project aspected the CLK developed Current Interface (bia., weekbook) to be competed by 04/07/2021. At opported that the weekbook dovelopment work would be done by 05/57/2021. As of 05/57/2022. As of 05 | Current (pre-doubly known as ePhitolo) is a task management system developed by the Chappe and Innovation Agency (CAI). The Department of Human Services (DHS) uses the Current system to manage and create case related tasks. The destrict ligibility solvine (ISI) will interface with extended tasks and will be the Current system to manage tasks. The BES system will create tasks and will be the task. It ligibility where the Size system will create tasks and will be task. It lightly livefores will client tasks, and the Supervisors will contain task of the size of the s | roles/responsibilities and outcomes. Not applicable and completed. 2. Schedule recurring meetings with CIA to ensure consistent communication between DHS, the ASI, IVV, and CIA. Completed. 3. The ASI provide test results from the task management integration to ensure that the interface | Q3 | S | 1 Med | Open | 12/12/12/22: No material update in the reporting period as the work subopage continued and the mea ASI conductive start palment, for Wall neasouss fils finding and our associated recommendations one more is known. 11/12/02/22: No material update in the reporting period as the work subopage continues and the new ASI conducts relating fallaming. Wall of the continued update in the reporting period as the work subopage continues and the new ASI conducts relating fallaming work stoppage and origing from southers the revent ASI well impracts continued to the continued of the finding once more is known. (PAI/22): No material update in the reporting period. (SI/2): No material update in the reporting period. (SI/2): Con fixed the depth of the contribution of the | | |
| % Voluntier DTS resources leaving the Project Band Molina may lead to Leaving delays, lowered morals, and burnout. | | Management | volunteers except one. Resources are not in dedicated roles within the team and have the option of returning to their previous operational roles at any time. | PROJUCES. | more time for the first issum members to deducte time to be Project. Cartifully plan for all project scholles with resolution but all catalosts for the first resource and adjust dates in the first Project scholesie scondigly. The control of the first resource and adjust dates in the first Project scholesie scondigly. Including the first resolution of the first resolution or progress and the timelies for when they will be asked to participate again, so resources can maintain their engagement with the Project. | | | 2 Med | | 12/12/12/22 - A key resource from this first the project, one of the most knowledgedeal and could first Product Demm. With the additional first instructions being stated to the Project deeps resource could be regarded from the Project deeps resource could be regarded from the Project deeps resource could be regarded from the Project deep resource deep resou | | |
| All This kas of a BET Project checked based on Ryan Tan accurate estimation demindes deferred by the Company of | Finding - to | 11/29/2021 Project Management | DRS and the ASI have tried multiple times to rework the chiedule with received that the new piecel disprovement. Concern with the structure, estimating practice, and Jahliy to manage to the chiedule parent. Thus extending practice, and Jahliy to manage to the chiedule parent. Thus extending practice, and parent practice, and of which were addressed and closed. | If estimates for project schedule activities are not accurate, this can lead to construct schedule change, resources no being available when resources not become constructed activities, and general frustration which can lead to schedule delays, rushed activities, and general frustration which can lead to schedule delays, rushed activities, and general frustration which can lead to schedule delays, four qualify output, scoper changes, and budget traves. | " uiting the vasibilité tode, review the current estimate si compilée ach attribution grouper de passing authorité passi | immedate | 4 | 4 High | Open | \$1,00/2012. The Project is reviewing and ensisting the Bi & Project Schools for reflect the new informations apposits, and so alley with updated project decidence, recourse, and expect. An updated Project Schools is recommended to the project schools in the project schools expect schools in 2000. The project schools is considered, and the project schools in 2000 and the project schools in contrast and expect schools in 2000 and the project schools in 2000 and 2000 | | |

| ID Findin | ng Ida | entified | | | | | | Analyst | Finding | | | |
|---|-----------------------|--|---|--|--|--------------------|--------------|---------|--|--|---|---|
| 73 The planned BES infrastructure is complex which could be difficult to implement and lead to schedule/cost impacts. | g - Ris 10, | Date Lategory /28/2021 System Design | 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 BBS infrastructure and the additional costs and time to conflicure, test. | SIGNIFICANCE If the level of effort to implement and manage the complexities of the BES infrastructure is not accurately accounted for and staffed by the ASI, the project could be met with unexpected costs and schedule delays. Delays in finalizing the components being implemented could exacerbate this risks | **Notice of the state of the st | Next several month | ampaict Proi | 3 Med | Open | STATUSE UPDATE 1/31/2022 - No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning; IVV will reassess this finding and our associated recommendations once more is known. 11/30/2022 - No material update in the reporting period as the | Coent Connects | Verlage Comments |
| | | | and implement the planned complex environment remain unclear. | and lead to further delays. Complex platforms often present system maintenance and operations challenges as system changes can hold the | and maintenance and operations impacts. * DHS work with the ASI to assess the potential challenges of maintaining a complex environment and consider | | | | | work stoppage continues and the new ASI conducts restart planning. 10/31/2022 - The previous ASI was largely responsible for the infrastructure design and build out, these responsibilities are now transitioned to the new ASI. The previous ASI is performing knowledge transfer (KT) to the new ASI. | | |
| | | | | infrastructure and application-level bugs. Further, some components remain in an immature state compared to their legacy counterparts. For example, the project recently experienced a system failure because Google Cloud failed to clearly communicate a change that led to failure in another | other product changes (software updates/new releases), manage changes, and regression test once updates are applied. • The project team work to | | | | | however, I/V is concerned that KT will suffer given the complexity of the infrastructure and that some of the new ASI resources appear to lack significant experience with some of the tools and techniques used. I/V will ressess our recommendations for this finding once more is known. | | |
| | | | | component (i.e., Nexus). Google Cloud is generally viewed as a less mature product offering, compared to their rivals (Amazon Web Services, Microsoft Azure). IV&V remains concerned that this could lead to failures at critical points in the project (including post-go live production failures) that could | 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. For example, allot time in the schedule to | | | | | 9/30/2022 - 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 | | |
| | | | | points in the project (including post-go live production haulies) that could be difficult to resolve and lead to project disruption. If DHS intends to eventually reduce M&O outsourcing costs turning over M&O tasks to State employees, they could face challenges supporting tools they may not be familiar with in a complex infrastructure environment. | conduct prior or concepts to assure infrastructure components work as expected. | | | | | how this risk will be mitigated going forward. 08/30/122 - The ASI Intends to engage two 3rd-party vendors to assist with the production environment 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 | | |
| | | | | | | | | | | who have significant experience with cloud infrastructure and related tools. 07/31/22 - The newly assigned ASI architects continue to ramp up to meet productivity expectations. The ASI recently reinstituted weekly architecture meetings with DHS and other infrastructure stakeholders. The ASI is | | |
| | | /23/2021 Project | | | | | | 2 Med | Open | analyzing the impact of the revised federal security controls on the project. System changes resulting from the security controls update may further complicate the infrastructure and/or add unexpected work to complete the infrastructure buildout. The ASI reported they are experiencing turnover of | | |
| 71 The lack of a final agreement on the scope and costs of the Google Cloud Platform (GCP) Change Request (ER) may lead to unanticipated DHS costs, schedule delays, and/or the need to require scope. | g - 85 8 ₁ | /23/2021 Project Management | In April 2020, the DHS/ASI SOAP contract amendment codified the migration of some of the BES environments from an on-prem to cloud based solution however, not all details were vetted at that point in time. In the July/August 2020 timeframe, DHS and the ASI agreed to have all BES environments migrated to the cloud. Sincer them the scrope has been adjusted and the CR is: | maintenance of cloud environments from the ESI to the ASI was included in the ASI/DHS SOAP Contract Amendment finalized in April 2020. The decision to migrate all BES environments to the cloud was made in the | OPEN - The ASI should document the current environment M and 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 and O The ASI clearly document the scope of | ASAP | • | 2 Med | Open | 11/30/2022 - No material update in the reporting period as the work stoppage continues and the new ASI conducts restart planning. 10/31/2022 - DHS will now work with the new ASI to complete the GCP change request. IVV waits to see the details included in the change request, and whether our promomendations are addressed. 9/31/2022. The DHS transition of the | | 9/9/2021 - RAP: Point of clarification. The SOAP agreement did not establish that the |
| any or the need to reduce scope. | | | being drafted by the ASI. It has been over 12 months since the project | While the BES application is being developed in the cloud, details regarding the specific services to be provided and by which vendor during the BES DDI and Maintenance and Operations Phases have not been finalized. | work and cost for the GCP CR during DDI and M and O and provide to DHS for approval DHS and the ASI Subcontractor agree to a firm delivery date for when DHS will receive the GCP CR. COMPLETE - DHS and the ASI agree to a firm delivery date for when DHS will receive the GCP CR. CI | | | | | BES Project DDI activities will impact the GCP change request. IVIV will update our recommendations for this finding once more is known. 8/31/2022 - The ASI submitted a detailed project impact analysis to DHS and provided a demonstration of the current environment to DHS. The ASI is to the control of the current environment to DHS. The ASI is provided a demonstration of the current environment to DHS. The ASI is to the current environment to DHS. The ASI is the current environment to the current environment to DHS. The ASI is the current environment to the current environment to DHS. The ASI is the current environment to the current environment to DHS. The ASI is the current environment environment to the current environment to DHS. The ASI is the current environment environment environment to DHS. The ASI is the current environment environment environment environment to DHS. The ASI is the current environment environme | | project would be deployed to the Cloud. SOAP provided that development be done |
| | | | on the CR, however; it is not final. | | | | | | | planning to provide DHS a GCP Best and Final Offer (BAFO) for review. 7/30/2022 - The ASI and DHS have a general agreement to the scope of the GCP CR. The ASI is preparing a project impact analysis and will submit a formal document to DHS in August 2022. IVV concerns are increasing as this | | in the Cloud and specifically that deployment would we be to the on-premise |
| | | | | | | | | | | CR is not finalized and is focused on the impact to the Project if not completed. Uncertainty created by this open scope issue has already impacted security planning. 6/30/2022 - IVV remains concerned that the production environment for BES is unknown along with the roles and | | environement. However, we did acknowledge that deployment may mov |
| | | | | | | | | | | responsibilities of the ASI, ESI and DHS. There are many possible impacts to the project ranging form 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. S/31/2022. WV has increased concerns about the slow progress and task of detail regarding the | | to the Cloud. The fina decision to move to GCP for production was made in July 2020. The costs for |
| | | | | | | | | | | GPC change request, as this has been in discussion since July/August 2020. The ASI has stated that their work on tasks within the scope of the CR is risk and may need to stop, pending the CR approval. Based on the ASI Security Lead's report that the lack of an approved GPC decision is delaying | | managing the UAT, Production, and Disaster Recovery environments were |
| 70 Insufficient configuration management Michael Fors Finding could lead to development confusion and | g - Ris 8, | /23/2021 Configuration and Development | The BI-6 DDI Plan Deliverable, Section 5.2 establishes the framework for the Configuration Management Plan, however, it remains unclear if sufficient | Configuration Management is a set of processes and procedures that ensures the BES is understood and works correctly. The BES solution | OPEN • ASI adhere to plans for configuration management as documented in 81-6 DDI Plan, Section 5.2 and clarify details and/or any changes with DHS. | ASAP | 2 | 2 Low | Open | security work, this risk has materialized to an issue and the criticality rating is escalated to High. 4/30/2022 - The ASI developed a Rough Order of 12/31/2022 - No material update in the reporting period as the work stoppage continued and the new ASI conducted restart planning. IVV will | | not included in the SOAP agreement nor 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 Cloud Platform (GCP) Change Request and Security Plan have yet to be finalized which may include additional requirements or decisions that could | includes tools that may provide a level of automation for Configuration Management that may reduce errors and should provide the project team with accurate, dynamic and timely information on some of the configuration items. However, it is critical that DHS/ASI agree to the full list of items that | ASI validate plans for configuration management with DHS and agree on a meaningful set of configuration items or settings they will track. 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 | | | | | reassess this finding and our associated recommendations once more is known. 11/30/2022 - No material update in the reporting period as the work stoppage continues and the new ASI conducts restart planning. 10/31/22 - No work has been performed regarding this finding due to the | | look forward to receiving specific inquiries from the IV&V team on |
| | | | impact CM. The project currently relies on Github for tracking of some configurations. | are included in the configuration plan along with the details regarding the management of the configuration items, reporting and audit features. | required, to avoid any negative impacts to the project. COMPLETED • identify the DHS POC for the Configuration Management Activities that would provide oversight of configuration management activities and assure defined DM steps and plans are being followed, are effective, and are activelying DHS objectives for CMT-7/31/2022 | | | | | work stoppage and ongoing transition to the new ASL NV will reassess our recommendations for this finding once more is known. 09/29/22 - 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 is not aware of the plans to mitigate this risk. | | configuration management and having conversations. We do acknowledge |
| | | | | | acritering DHs dojectives for UNI. 1/31/2022 | | | | | 08/30/22 - The ASI updated the Configuration 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 fo | 1 | that the plan likely needs to be updated to reflect the processes in place on the project for |
| | | | | | | | | | | configuration management efforts. In V remains concerned that some configuration management (CM) details have yet to be finalized and the lact of clarity around the CM database (CMD8) tools. For example, it remains unclear what CMD8 tool will be used if Service Now is not part of the GCP change request. OG/S0/22—The Project previously stated its intention to | k | configuration management. |
| | | | | | | | | | | utilize ServiceNow (SN) for Configuration 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 their existing SN installation or | | |
| | | | | | | | | | | create a separate instance and who will be responsible for defining the service catalog and SN/CM processes. Funding for SN is currently dependen on the approval and funding of the GCP change request; it remains unclear if contingencies have been detailed or documented if GCP is not approved. VM has elevated this 'Concern' to a 'lisk'. CG 3/122- No material update in | • | |
| 68 Insufficient planning/execution of the BES Dustin Heath Finding Security Plan activities may lead to delays in gaining Federal Partner approval for the BES Project to begin the Pilot Phase. | g - Ris 7, | /28/2021 Security and Privacy | Over the last several months, the BES project team has been working through the planning efforts to develop the BI-13 Security Plan while also managing through ASI Security Lead staffing changes. DIHS and the ASI agreed to modify the BI-13 Security Plan Deliverable Expectation Document | 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. There are many standards that must be met, and the project team plans to utilize the BES Security Control Implementation Workbook to | OPEN - The ASI continues to develop the BI-13 Security Plan In close collaboration with DHS 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 | ASAP | 4 | 5 Hgh | Open | 11/30/2022 - The new ASI has named its Security Lead. As one of the five key project resources, IVV recommends that DHS review and approve this proposed staff to ensure that they meet the position's contractual requirements. 10/31/2022 - With the transition to the new ASI, the key | | 9/9/2021 - RAP: The decision to move to GCP for deployment |
| | | agree to mostly the sit. Jacketty year to level to the spectrum or comment (ISSS) sur most mad are currently year, for all sit is a to give to the requirement and changes to the project since inception. | (DED) last month and are currently revising it to align to the requirements | team plans to utilize the BES Security Control Implementation Workbook to document the status of each control. The Security Control Implementation Workbook must be detailed and allow for ease of referencing to the Security Policies, Standards, Controls, and Implementation plan along with evidence for each control. | dates, risks, issues, evidence) along with the Requirement Traceability Matrix, and plans of actions and milestones (POAM) ASI ensure that the ASI Security Lead has a depth of experience in NIST 800-53 and experience | | | | | position of Security Lead will be filled by a new resource. As of the reporting period end, this position remains unfilled. As the new ASI assumes the responsibility for the Project security and privacy tasks it is appropriate to revisit the IVV recommendations and the tools used to document and track | | has driven the need for a complete rewrite of the security plan per DHS. The ASI is in |
| | | | | | authoring implementation statements of System Security Plans (SSP) DHS review the proposed staff resume, interview individual, and approve resource to ensure that they meet the position's contractual requirements. | | | | | security controls. 09/29/2022 - Since only one meeting was held between the ASI and DHS BES Security teams prior to the work stoppage, IVV 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. 08/31/2022 - IVV ecommends that Security SMEs leading | | the process of planning the effort to make these updates. The effort required to complete this work |
| | | | | | Complete - ASI, per DHS guidance, should begin to pivot toward the adoption of 800-53 Res 5 since Rev 4 will be backlete when the system goes INE-COMPLETE 3/31/2022-0HS should determine the PMS requirements for go live based on their meeting and provide ASI with proper guidance. PMS requirements should be documented as part of 81-13 Security Plan | | | | | and team. 08/31/2022 – IW recommends that Security SMEs leading security and privacy-focused workshops and technical sessions have a depth of experience in NIST 800-53 and with experience authoring implementation statements of System Security Plans (SSP). The ASI will be changing the ASI security lead in September 2022. 07/31/2022 – The ASI filled the Security | | complete this work will be included in either the GCP change request or a new change request We |
| | | | | requirements should be documented as part of 91-3 becurity Main COMPLETE 31/2022 - ASI have a security SMa latted the weekly security planning meetings and workshops. COMPLETE 7/31/2022 - ASI add a Security Architect to the Project ASAP to assist with the Security Plan activities. COMPLETE 11/30/2019. | | | | | security lead in September 2022. U/J3/2022 - The ASI little the Security SME position this month and their prior NBT Security Standard experience should benefit the BES project. The ASI does not have a Security Architect on this project which may lead to an incomplete security and privacy design. It is NV's understanding that the addition of the Security Architect is included | | look forward to additional discussions with IV&V and DHS. | |
| | | | | | | | | | | in the GCP change request (CR) and will not be filled until the CR is approved. An agreement has been reached for the immediate term to use Aha and Confluence to develop and collaborate on System Security Plan (SSP) controls. However, an electronic Governance, Risk and Compliance. | | |
| | | | | | | | | | | system (eGRC) is under consideration at DHS. 6/28/2022 — The ASI hired a Security SME who will be working with DHS on security governance, risk, and compliance activities. Weekly security meetings began again in May but | | |

| March Marc | D OIL | Finding Identified | | | | | Analyst | Finding | | | |
|--|---|---|---|--|--|---------------------|---------------------|---------|--|--|---|
| Part | 67 The American Miles Disabilities and (ADA) | lype Date Category | Observation | Significance | Necessity and the following section will be an extended to the section will be a sec | As soon as possible | Procedurty Priority | Status | Status Update | Client Comments | Vendor comments |
| Part | | Finding - His 7/12/2021 Testing | While R0.3 and R0.4 reported that Section 508 compliance had been | There is a contractual obligation and requirement for BES to be ADA | 1/31/2022 - The following recommendations will be evaluated for this | As soon as possible | 3 3 Med | Upen | | | 0/0/21 DAD The 401 |
| The content of the | | | successfully completed the ASI confirmed that there is currently no working | | The ASI communicator a plan for ADA test execution The ASI | | | | | | |
| The content of the | | | | technology accessible to people with disabilities (e.e. color blindner | | | | | | | |
| And the control of th | againtain rework. | | | vision and hearing disabilities), in a way that is comparable to the access | | | | | | | |
| A proposed p | | | that they are coding to some of the ADA requirements and are using a desk- | available to others. Part of the system acceptance criteria for BES is to meet | ASI communicates how and when DHS/IVV will be provided the reports from | | | | 10/31/2022 - No work has been performed regarding this finding due to the | | review the results of |
| Part | | | top tool for ADA compliance as an interim solution. TVV has not received | "all applicable State and federal policies, laws, regulations, and Standards, | the ADA tool execution and how to interpret the results. Superseded | | | | work stonnage and ongoing transition to the new ASL IVV will reassess our | | the desk-top tool to |
| We will will all the property of the property | | | | including without limitation the Electronic and Information Technology | 8/30/2021 - The ASI should gain DHS' approval on the tool selected after the | | | | recommendations for this finding once more is known. 9/30/2022 - DHS | | gain insight. To date, |
| The particular was already to the pa | | | for all ADA compliance items. | | | | | | issued a work stoppage, and no progress was made to move forward with | | |
| Part | | | | Act, which was verified in the Asi proposed Technical Requirements | meeting all contractual and project requirements. The Asi create and | | | | purchasing the ASI recommended AUA compliance tool. 8/30/2022 - No | | |
| Part | | | | defined by DHS and adheres to WRC level 2 accessibility guidelines sub- | action how the tool will report compliance or non-compliance how non- | | | | with nurchase installation configuration and implementation of the ASI | | have further |
| Part | | | | parts of Section 508 of the Americans with Disabilities Act (ADA), | compliance will be corrected, and how and when DHS/IVV will be provided | | | | recommended ADA compliance tool. 7/27/2022 - The ASI successfully | | |
| Service of the control of the contro | | | | | the reports from the ADA compliance tool and how to interpret those | | | | completed the ADA compliance tool proof of concept and provided reports | | |
| Part | | | | (https://www.hawaii.edu/access/uh-guidelines-for-accessibility/), FNS | reports for the code from previous, current and future releases. | | | | to DHS for their review and approval. The final steps remaining would be the | | |
| Part | | | | | | | | | purchase, installation, and implementation of the tool. 6/29/2022 - The | | |
| We will also provided the provided by the prov | | | | the Section SUS compliance guidelines (https://sectionSUS.gov/) there may be a significant amount of rework to the solution | | | | | AUA compliance tool is still in the trial phase and a compliance report will be run once the initial testing has been completed. The ASL is expected to | | |
| Selection of the control of the cont | | | | | | | | | provide results of the testing to DHS when the trial phase is finished, and the | | |
| The state of the s | | | | | | | | | report generated. 5/31/2022 - The ASI has identified an accessibility | | |
| The state of the s | | | | | | | | | compliance tool that will meet the needs of the Project and DHS has | | |
| From the control of t | | | | | | | | | approved opening a firewall to facilitate a demonstration of that tool. The | | |
| ## Management of the company of the | | | | | | | | | DHS approval to use the tool 2) purchase the tool 3) configure the system | | |
| Part | | | | | | | | | to accommodate the tool, and 4) institute the tool into the delivery pipeline. | | |
| The contraction of the contracti | | | | | | | | | 4/26/2022 - The ASI is evaluating four ADA testing tools for consideration | | |
| The contraction of the contracti | | | | | | | | | due to high pricing for the tool selected in March. This tool was | | |
| ## Marked Windows Assessment of the property o | 62 The last of auto-decision and accordination Michael Fore | Finding - Bir 1/21/2021 Interesting and | The fellowing election and according these beautiful and beautiful. | totalismo to any of the array where DDI and total often and any the state | COPPLE Consider all MOAs and obtain account C Confirm to the date. | 04 2021 | 4 1 low | Onen | | | |
| ## Marked Windows Assessment of the property o | | | and documented by the ASL - Connectivity is planned to utilize a presently | time needed to effectively manage all the tasks and activities to successfully | with interface partners in writing, COMPLETE 1. Establish a communication | | | - Cyan | stoppage continued and the new ASI conducted restart planning. IVV will | | |
| March 19 19 19 19 19 19 19 1 | schedule delays. | | undefined ETS API Gateway; however, there is no evidence that details have | implement data sharing. A clearly defined communication plan and | plan for each interface partner for the duration of the BES DDI activities. | | | | reassess this finding and our associated recommendations once more is | | 7/20/21 RAP - The ASI |
| 1 | | | been determined or documented in this regard There is little evidence of | schedule that includes the coordination, planning, and execution activities | 10/29 COMPLETE 2. Identify and document all interface partners' contacts. | | | | known 11/30/2022 - No material undate in the reporting period as the | | |
| Part | | | | | | | | | work stoppage continues and the new ASI conducts restart planning. | | |
| Part | | | planning and execution tasks and activities (unit rest, Srf, UAT) Interface | he available during interface implementation to ensure that the interface | interface partners, 01/04 COMPLETE 4. Determine which delivers 1: | | | | | | |
| Manual and security and secur | | | partners, are neither resident nor managed within the Project Schedule. | are properly tested before deploying the system to production. | include the details associated with the planned connectivity and detailed | | | | recommendations for this finding once more is known. 09/29/22 - No | | reasons: a) the ATC |
| Part | | | | | technical designs of all interfaces. 01/04 COMPLETE | | | | material update in the reporting period. 08/26/2022 - The statuses of the | | schedule extension |
| Part | | | interface partners during interface implementation after MOAs have been | | | | | | three remaining required agreements (DAGS, DLIR, HYCF) have not changed | | nas made the urgency |
| Part | | | approved, testing dates have been confirmed, and communications have | | | | | | 08/01/2022 - DHS executed the DPS agreement (MOA) on 07/20/2022. The | | |
| Part | | | been frequent. | | | | | | statuses of the three remaining required agreements are as follows. The | | |
| Part | | | | | | | | | DAGS agreement is moving forward with design work. DHS reviewed the | | |
| March Marc | | | | | | | | | to the DHS Directors' office with feedback from BESSD and MOD. | | |
| Ministry | | | | | | | | | 06/30/2022 - There are 4 agreements outstanding (DAGS, DLIR, DPS, and | | |
| Reference of the property of t | | | | | | | | | HYCE) DHS plans to discuss the agreement at the next meeting with DAGS | | May was based on a |
| Reference of the service of the serv | | | | | | | | | which is tentatively scheduled for 07/06/2022. DHS is currently reviewing | | misunderstanding of |
| Part | | | | | | | | | the DLIR, DPS, and HYCF agreements. 05/31/2022 - There were no changes | | |
| Part | | | | | | | | | to the interface communication plans in this reporting period. There are 5 | | the MOA's and contact |
| Part | | | | | | | | | | | |
| Part | | | | | | | | | the interested parties, DAGS has not been drafted by DHS; DHS is in | | against each of the In |
| In the proposal proper design of the property | | | | | | | | | discussions with the Department of Tax for an interface that would bypass | | Progress |
| September 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | |
| So former processing of the pr | | | | | | | | | | | and it continues to |
| So part proper p | | | | | | | | | management. IVV has opened a new issue #79 related to vendor development delays for the task management software. 04/28/2022 - | | direction. In regards to |
| and and mining all months are the production for all productions for all productions of a production of a producti | 61 Poorly executed IAD and design sessions Brad Molina | Finding - Its 11/30/2020 System Design | ASI-led Workflow IAD sessions have been held for CMM, with the following | The CMM Worldlow IAD sessions restarted in November DHS indicated | OPEN - The facilitator should use their expertise to drive discussions through | Δ5ΔΡ | 2 5 Med | Onen | | | |
| Service of the control of the contro | | | 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 | | | ори. | design sessions. IVV will assess this issue along with the below | | |
| See the search of the section of the | | | 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 | prepared to facilitate discussion on topic of sprint, with adequate | | | | recommendations when the new ASI restarts the BES design sessions. | | |
| de general control de la contr | | | 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 | | | | 11/30/2022 - The new ASI is revising the approach to the BES design | | |
| Septiment was all an one generated and the care of the | | | leading questions, as expected, but was instead lead by business users | the users and clients? Incomplete or unclear IAD sessions with insufficient | JAD/JAR notes and other pertinent material The ASI to bring User | | | | sessions to improve efficiency and align with Agile methodology. IVV will | | |
| well out or or re- 1 and frequent to the following section of the state of the stat | | | | | | | | | | | |
| el personal participant de designal to standardorne prote los des designal to standardorne prote los des des designal to standardorne protection de la control de la contr | | | seconds or more - Lack of thought leadership from the ASI on how | workflow and related system design | experienced senior RAs, with enals, objectives and results communicated to | | | | nerformed regarding this finding due to the work stoppage and organing | | un reviews hacking |
| Service planting and the service and a service planting and the service and a service | | | workflow could be designed to ease/improve process for client | | all participants. (additional Senior BA being added, rest of recommendation | | | | transition to the new ASI. IVV will reassess our recommendations for this | | grooming sessions, |
| We prography procedularities may be a served to the control of the | | | | | being met - Closed 4/30/2022) - The DHS and ASI product owners should | | | | finding once more is known. 9/30/2022 - DHS Product owners and SMEs | | |
| process. Counted April 2017. The did changed in the right of the process of the p | | | | | | | | | | | |
| If the count page dathwards not proposed above the count county being for the county of page dathwards not proposed above the county of page dathwards not page dathw | | | | | taking advantage of new technology and aligns to the 'to be' business | | | | experience that is less than satisfying. DHS users are citing examples of not | | |
| See a supplier of the search o | | | | | | | | | | | |
| ## April Company Program Shirters and Program Shirt | | | | | items as early in the SDLC as possible. COMPLETE - The Product Owners | | | | improvement. The Senior BAs offer guidance to ensure the project team | | team is concerned |
| ## April Company Program Shirters and Program Shirt | | | | | should have more direct interaction with the development team, proactively | | | | remains focused on the design. Unfortunately, one of the Senior BAs has | | |
| differed and during with pages and p | | | | | seeking collaboration: 10/5/21 Complete - The Functional Design | | | | left the project so it is unknown if this practice will continue for all BES | | |
| Index PVP aid flux redge presents of the record drags presents of the reco | | | | | defined and chared with all project team members. (Closed, 2/25/2022) | | | | design sessions. 7/31/2022 - Although the ASI has implemented | | main reasons: 1) IV&V |
| design design and the properties of the protection of the protecti | | | | | Invite IVV to all future design sessions and design sprints to allow IVV to | | | | Day 1. IVV continues to observe occurrences of BAs not being fully prepared | | silent in discussions on |
| Content Part | | | | | observe and assess the effectiveness of the revised design processes. | | | | for the initial session. DHS has also raised concerns that the ASI support | | |
| design print practice, doubt and search and provided and print marking part in memory part in me | | | | | (Closed, 1/31/2022) - ASI and DHS should work together to vet the in- | | | | admins are not always assigned to meetings, leaving the BA solely | | assurances from the |
| meding with additional upport tailff or some the membring area subquarted for countered and Add International Register and Fouristics of the Countered and Add International Register and Fouristics of the State of Add Countered and Add International Register and Fouristics of the State of Add Countered and Add International Register and Fouristics of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of the State of Add Countered and Part State of the State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of the State of Add Countered and Part State of The State of Add Countered and Part State of The State of Add Countered and Part State of The Stat | | | | | progress design with all SMEs for the area of focus. (being met by new | | | | responsible to lead discussions and capture notes, update artifacts, and | | |
| 49 Poor quality project deliverables may make all from the first control could apply and deliverables and one interface Control Couldent Paper of the County | | | | | | | | | | | |
| mentag above complete 7/1/2022 The part of program project deliverables may impact 8 fails Mobins project 8 fails may improve and protect and project 8 fails may improve and protect 9 fails may improve and protect and project 8 fails may improve and protect 9 fails fails may improve and protect and project 8 fails may improve and protect | | | | | adequately documented and ASI Business Analyst are not running the | | | | by engaging the DHS SMFs and ASI systems analysts earlier in the process | | drives what are mean* |
| 49 Froze quality project delinear languages. Early Miles project, and the project and management and project and management and project project and management and project pro | | | | | | | | | and conducting prep sessions with the ASI Business Analysts (BA) prior to | | |
| system design, testing artificits, and the project contider were unknowned or filter reviews. The early assistance of the accountment and the measure of the accountment and the measure of the accountment and the accountment an | _ | | | | | | | | each Sprint. These pre-sprint sessions with BAs are starting to address the | | processes to more |
| project schedule. comments submitted for exact off these delinearity. The documents of the comment of the comm | 49 Poor quality project deliverables may impact Brad Molina | Finding - lts 4/16/2020 Project | In April, four BI-10 design deliverables and one Interface Control Document | The staff time spent on reviewing deliverables is exceeding the plan for all | OPEN - ASI reviews its Quality Management Plan to ensure that the Project | immediate | z 2 Low | Open | 12/31/2022 - No material update in the reporting period as the work | 06/30/2020 - New deliverables this month included BI-10 and BI-20. BI-10 | |
| sehiblished errorsoon, a list of al logical and unberstanding of the subject reveal, regular of deep rows, migrated orderings, may be foreign and unpertable the reveal, may be foreign and unpertable the reveal forms, managed orderings and product about the conducting and the subject of the managed of the subject of the | system design, testing artifacts, and the project schedule | Management | comments submitted for client review. There was an average of 85 | project entities and has caused schedule delays due to the associated rework needed for remediation. If noor quality deliverables continued to the continued to | is working within the guidelines of this Plan document. In particular, the ASI should evaluate and consider if it is in alternment with Section 2.2.2.4. | | | | stoppage continued and the new ASI conducted restart planning. IVV will reassess this finding and our associated recommendations once a second | was initially called back for quality issues, and the issues were corrected. DHS is not comfortable with Ri-10 re-format, will be revised according | |
| insufficient level of feed, and as lack of understrating prespective. Dis liquide the solution prespective. Dis liquide the lack and an antiquide prespective. Dispersion present and antiquide p | project schedule. | | exhibited erroneous information, a lark of a locical organizational flow an | produced and submitted for review, this can continue to result in | | | | | known, 11/30/2022 - For future deliverables, the Project plans to simplify | 2 como auto with or 20 renormat, will be revised again. | |
| from both A functional and technical paragraphics. Its larged from its toward of an expert sharp with a first part of the property of the property and property a | | | insufficient level of detail, and a lack of understanding of the subject matter | unproductive use of time, unanticipated rework, misguided development | 1) selecting BES implementation process and product attributes to measure; | | | | content and the new ASI will revise and submit new Deliverable Expectation | | again when a material |
| the Project tours Log for corrective action of type AS. The AS sected by conducting an internal roof cause analysis and provided Dris and PV be in place in terms and not cause analysis and provided Dris and PV be in place in terms and not cause analysis and provided Dris and PV be in place in terms and not cause analysis and provided Dris and PV be in place in terms and provided Dris and PV be in the provided Dris and PV be not come coldinary to including the ACI in the provided Dris and PV be not come coldinary to including the ACI in the provided Dris and PV be not come coldinary to including the ACI in the PV bear of the provided Dris and PV be not come coldinary to including the ACI in the PV bear of the provided Dris and PV bear on the provided Dris and PV bear on the provided Dris and PV bear on the PV bear of the | | | from both a functional and technical perspective. DHS logged this issue in | and testing activities, potentially unfulfilled functionality, and additional | 2) selecting component activities to measure: 3) defining value scales for | | | | Documents (DEDs). IVV recommends that the new ASI address the open | | update is made by the |
| process gually rieds. VPA has not seen evidence inclinating the ASI is work stropping and ongoing transition to the new ASI. IV will resonance out retherwise of the resonance o | | | the Project Issue Log for corrective action by the ASI. The ASI acted by | schedule delays. | each component activity; 4) recording observed activity values; and 5) | | | | recommendation for the creation of a quality management plan. | | IV&V. We also |
| utiling metric to measure its process and product quality. When the proport entratin, resources be allocated to create Quality Management and product quality. The provided programment of the process of | | | conducting an internal root cause analysis and provided DHS and IVV the | | combining the recorded attribute values into a single number called a | | | | 10/31/2022 - No work has been performed regarding this finding due to the | | |
| project restants, resources a ellicitated to create a Capitally Management. Into a Debug Section 1985 of the Capital Control of Capital Section 1985 of the Capital Secti | | | ringer-nevel results. | | | | | | work stoppage and ongoing transition to the new ASI. IVV will reassess our | | retninking of the first |
| facilitated rock cause analysis be performed by the AS with DHS and VV in statemans. Call plants by provide recourses to develop and report on quality memories, visit by the addressed in the CA- \$6/70/2022 X in performance to the X- \$6/70/202 X in the | | | | | project restarts, resources be allocated to create a Cuality Management | | | | work has been performed regarding this finding due to work stocome | | based on the |
| facilitated rock cause analysis be performed by the AS with DHS and VV in statemans. Call plants by provide recourses to develop and report on quality memories, visit by the addressed in the CA- \$6/70/2022 X in performance to the X- \$6/70/202 X in the | | | | | Plan to help address this finding. CLOSED - IVV recommends that a | | | | 8/31/2022 - No material update for this reporting period. 7/31/2022 - The | | assessment from the |
| attendance. Casality issues are ranky generated by a single entity in a price, to their could potentially be recised from the county of the co | | | | | facilitated root cause analysis be performed by the ASI with DHS and IVV in | | | | ASI plans to provide resources to develop and report on quality metrics, | | IV&V that this is a low |
| Courrect condition. Once the protect caused (are in identified, for recommends) or country of the control of the country of th | | | | | | | | | which will be addressed in the CAP. 6/30/2022 - No significant change to | | risk. The tone, tenor, |
| Courrect condition. Once the protect caused (are in identified, for recommends) or country of the control of the country of th | | | | | project, so there could potentially be multiple causes or root causes of this | | | | the status of this finding although ASI has assigned a resource to research a | | and substance of that |
| deliverables prior to submissions of subsequent deliverables (Coxed for 7/3/20212 - A writer fact the first innership of the Coxed for 7/3/20212 - A writer fact the first innership of the Coxed production in deliverable reviews in the Coxed production in deliverable reviews in deliverable reviews in the Coxed production of the Coxed production in deliverable reviews in the Coxed production of | | | | | | | | | solution for creating quality metrics. 5/31/2022 - The revised DDI process, | | |
| 7/8/2021 - AS wrifter short be information in design and facting a | | | | | deliverables prior to submission of subsequent deliverables. | | | | er particular the design sprints, is bringing more focus and attention on design documents, which has a positive effect on quality when married by | | |
| is kept in yer. and consistent. (closed \$171,0022) - Algo perform a root cause metric: Isfully occumented in the Quality Management Plan, when published analysis with Vol. and privis anteriorate to determine the source of the source of the source of the Source of the Charity Management Plan, when published source of the Charity Management Plan, \$170,0022 : When for the Charity Management Plan, when for the Charity Mana | | | | | | | | | | | |
| analysis with DHS and MV in attendance to determine the source of the special public to this regioning price of the W in attendance to determine the source of the special public to the Quality Management Plan. 2 2/2/21 229. special public to the Quality Management Plan. 2 2/2/21 229. Release 5 final text results are publiched, MV will re-evaluate this infonce, fill embrace by the 2/2/2/22.9 - Viv continues to review the Release S of set results and project of the available metric. The initial result show a possible terred, which is encouraging since Release of the batte mont complete for batte montain complete for the montain of the since to make the desire of the developed in proved the | | | | | 7/30/2021 - ASI verifies that the information in design and testing artifacts | | | | the lower number of comments in deliverable reviews. IVV will validate this | | for a number of |
| design defects. (closed, 1/11/2022) avails updated. Fina. 3/20/2022 - Video (closed, 1/11/2022) avails updated. Final store the Caulily Management Final. 3/20/2022 - Video (closed, 1/11/2022) avails updated. Final fi | | | | | is kent in sunr and consistent. (closed 5/31/2022) - ASI perform a root cause | | | | metric is fully documented in the Quality Management Plan, when published | | months now to be low. |
| 7,787,002 - NV continues to review the Selevase of Exect results and project of the available must be Selevase of Exect results and available must be Selevase of Exect results and available must be selevased for the Selevase of Execution Sele | | | | | is kept in sync and consistent. (closed 5/31/2022) - ASI perform a root cause analysis with DHS and IVV in attendance to determine the source of the | | | | metric is fully documented in the Quality Management Plan, when published by the ASL 4/30/2022 - No material undate for this reporting period as IVV | | months now to be low. 4/23/21 rap - The ASI |
| available metric. The initial result show any positive trend, which is encouraging pricture. Refered that plant bemost organized frequency to the second or | | | | | is kept in sync and consistent. (closed 5/31/2022) - ASI perform a root cause analysis with DHS and IVV in attendance to determine the source of the | | | | metric is fully documented in the Quality Management Plan, when published by the ASL 4/30/2022 - No material undate for this reporting period as IVV | | months now to be low. 4/23/21 rap - The ASI team agrees that the |
| encouraging since Release 0.6 has the most complex functionality developed improved the | | | | | is kept in sync and consistent. (closed 5/31/2022) - ASI perform a root cause analysis with DHS and IVV in attendance to determine the source of the | | | | metric is fully documented in the Quality Management Plan, when published by the ASI. 4/30/2022 - No material update for this reporting period as IVV awaits updates to the Quality Management Plan. 3/30/2022 - When Release 6 final test results are published, IVV will re-evaluate this finding. | | months now to be low. 4/23/21 rap - The ASI team agrees that the full embrace by the |
| and treased by the project training of facility of the number of affects at the second of the number of affects at the second of the number of affects at the second of the number of affects at the | | | | | is kept in sync and consistent. (closed 5/31/2022) - ASI perform a root cause analysis with DHS and IVV in attendance to determine the source of the | | | | metric is fully documented in the Quality Management Plan, when published by the ASI. 4/30/2022 - No material update for this reporting period as IVV awaits updates to the Quality Management Plan. 3/30/2022 - When Release 6 final test results are published, IVV will re-evaluate this finding. 2/28/2022 - IVV continues to review the Release 0.6 test results. | | months now to be low. 4/23/21 rap - The ASI team agrees that the full embrace by the project of the |
| to design remain low throughout Release 0.5 testing, the focus of this management proces. | | | | | is kept in sync and consistent. (closed 5/31/2022) - ASI perform a root cause analysis with DHS and IVV in attendance to determine the source of the | | | | metric is fully documented in the Quality Management Plan, when publisher by the ASI. 4/39/2022 - No material update for this reporting period by waits updates to the Quality Management Plan. 3/30/2022 - When Release 6 final test results are published, IV will re-evaluate this finding. 2/28/2022 - IVV continues to review the Release 0.6 test results and vanilable metrics. The little iresults show a costity terned, which is | | months now to be low. 4/23/21 rap - The ASI team agrees that the full embrace by the project of the Confluence tool has |
| | | | | | is kept in sync and consistent. (closed 5/31/2022) - ASI perform a root cause analysis with DHS and IVV in attendance to determine the source of the | | | | metric if ally documented in the Quality Management Plan, when publishes by the ASI. 4/3/2022. No material quadra for this reporting period as IV awaits updates to the Quality Management Plan. 3/30/2022. When Release 6 Inal text results are published, IV will re-evaluate this finding. 2/28/2022. Plan Continues to review the Release 06 Set tot results and available metrics. The initial results show a positive trend, which is necouraging rince. Release 06 Set Ame tox complex furchiosality developed. | | months now to be low. 4/23/21 rap - The ASI team agrees that the full embrace by the project of the Confluence tool has improved the deliverable |

| D IIIDE | Finding Reporter Type | ig Identifie Date | d Lategory | Utservation | Significance | Kecommenation | Event Honzon | impact Prot | Analyst capility Priority | Finding Status | Status Update | Lilent Comments | venoor comments |
|---|--------------------------|----------------------|---------------|--|--|---|--------------|-------------|------------------------------|-------------------|--|---|--|
| | Michael Fors Finding | - Ris 3/29/20 | 020 Project | On 3/23/2020, the Governor of Hawaii issued a "stay at home, work from | DHS stakeholder participation in key activities could be significantly | OPEN - Suggest the project and DHS create a detailed, documented risk | ASAP | 2 | 2 Low | Open | 12/31/2022 - No material update in the reporting period as the work | 06/30/2020 - Office opening may be delayed until September/October. | |
| "stay at home" order could hinder project activities and negatively impact the project | | | Management | home" order that has reduced state departments' ability to be fully functional as the large majority of state workers will be required to work | hindered, not only by working remotely but also by the need to focus on delivering services to beneficiaries. Planned key activities such as design | mitigation strategy and plan that is reviewed regularly and revised to address the current state of the COVID-19 threat and related impacts. | | | | | stoppage continued and the new ASI conducted restart planning. IVV will reassess this finding and our associated recommendations once more is | TBD. | 7/30/21 RAP - The ASI agrees that COVID at |
| schedule 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 | | | | | known. 11/30/22 - No material update in the reporting period as the work | | this time is likely a lov |
| | | | | 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 | | | | | stoppage continues and the new ASI conducts restart planning. 10/31/22 - | | risk to both schedule |
| | | | | extend beyond that date. | likely be conducted remotely until this crisis passes. The DHS project team will soon lose some key members of the PMO, the PMO lead will retire on | clarifying communications as to what will remain the same Project leadership continue to encourage independent phone conversations to | | | | | No work has been performed regarding this finding due to the work stoppage and ongoing transition to the new ASI. IVV will reassess our | | and budget for the project despite some |
| | | | | | 4/30/20 and another key member in June 2020. DHS has concerns that the | enhance and accelerate communications, and for team members to not wait | | | | | recommendations for this finding once more is known. 09/29/22 - IVV | | increases related to |
| | | | | | state could experience a significant loss of revenue due to COVID, which | for meetings to converse Consider in-person meetings for critical design | | | | | remains concerned that the lack of in-person interactions may lead to | | the delta variant. The |
| | | | | | could lead to DHS budget challenges. If the state/DHS institutes a hiring freeze, DHS PMO may not be able to replace these key resources. | sessions if DHS and ASI COVID protocols allow. CLOSED - Continue to make efforts to setup, train, and assist new stakeholders on remote work devices | | | | | reduced project team productivity. 08/30/22 - No material update for this reporting period. 07/31/22 - No material update for this reporting period. | | ASI team continues to maintain social |
| | | | | | Additionally, if the state institutes furloughs, DHS project team resources | and tools and continue to assist stakeholders with becoming highly | | | | | 06/30/22 - The ASI has stated they have removed the vaccination | | distancing in the offic |
| | | | | | could be further constrained. Unclear if the state budget challenges will impact overall project funding. | functional with remote access technology (e.g. MS Teams/Skype) Complete - Update the OCM Plan to include any new activities or updates to | | | | | requirement for working in person and are encouraging staff to spend time in the office. DHS team members are still not required to work in the office | | in line with State mandates. However, |
| | | | | | impact over an project running. | planned activities to aid the organization through this COVID-19 pandemic in | | | | | but DHS is also encouraging office time. Three DHS team members | | mandates. However, the team has |
| | | | | | | the short and long term Complete - Explore options for freeing up key | | | | | currently work out of the ASI's downtown Honolulu office. 05/31/22 - The | | essentially reached th |
| | | | | | | BESSD SME's to work on the project Complete | | | | | ASI and their subcontractor are making efforts to increase in-office/in- person work which could help to increase productivity and communication | | new normal in Honolulu. This |
| | | | | | | | | | | | as well as overall quality of project work. 04/29/22 - No material update for | | includes fewer |
| | | | | | | | | | | | this reporting period. 03/31/22 - State leadership has rolled back most COVID mandates this month, however, most individual State departments | | resources travelling |
| | | | | | | | | | | | have been given the option of not requiring their staff to work in-person. | | and more conference calls: however, the |
| | | | | | | | | | | | DHS will likely maintain remote work policies for the foreseeable future. IVV recommends DHS consider strategically requesting in-person meetings for | | project has adjusted to |
| | | | | | | | | | | | discussions that can be significantly more productive in-person. 2/28/22 - | | the lack of in person meetings. In our off- |
| | | | | | | | | | | | The State of Hawaii is planning on eliminating most COVID mandates as of | | shore office, we still |
| | | | | | | | | | | | 3/5/22. In-person meetings could improve collaboration for design and other sessions, if the Project elects to increase in-person meetings. 1/31/22 | | have staff working |
| | Ryan Tan Finding | - lss 1/10/20 | 020 Project | As reported in various project meetings, several key DHS PMO, BES and ASI | 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 | 12/31/2022 - No material update in the reporting period as the work | 02/08/2021 - Brian Donohoe does not agree with IVV's high-criticality rating | from home. We expect 4/23/21 RAP - From |
| transitioned off the Project, which may | | | Management | | DHS and its software, solutions, and business processes, along with a level of consistency and continuity to the extended project team. This experience | borrowed from other agencies) to fill these positions if there is ongoing | | | | | stoppage continued and the new ASI conducted restart planning. IVV will | on this Finding (#43) and DHS rolled out the DHS Product Owner Roles and | |
| cause gaps in knowledge transfer and leadership on the Project. | | | | not been documented. In January, the ASI did announce and introduce an | and knowledge is critical for the BES DDI and KOLEA Modifications, and planning efforts for BES Maintenance and Operations activities. | with the appropriate organizations to identify the funds necessary to fill these positions In progress. The state should document a transition plan | | | | | reassess this finding and our associated recommendations once more is known. 11/30/22 - No material update in the reporting period as the work | Responsibilities to the DHS team on January 29, 2021. (Gary provided the Final DHS Product Owner Roles and Responsibilities document to IVV on | the changes to the project management |
| | | | | | | | | | | | stoppage continues and the new ASI conducts restart planning. 10/31/2022 | 02/8/2021). 06/30/2020 - Mark Choi is becoming more involved in the | of the BES project |
| | | | | Interim Project Manager, but a plan for a permanent replacement is not currently known. | 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 section 3.4.3 'DHS Staffing'). The plan should include the possible COVID-19 | | | | | No work has been performed regarding this finding due to the work stoppage and ongoing transition to the new ASI. IVV will reassess our | project. Involved in Arch decisions and PM decisions around tool sets, future vision, etc. Day to day PM working closely w/ Gary and Emerald. We | have provided little impact on the overall |
| | | | | currently known. | the \$37 million needed matching funds for continued development of BES. | economic impact to the state budget, directly in relation to the project | | | | | recommendations for this finding once more is known. 9/30/2022 - No | have no insight into other DHS staffing. | project. At this point, |
| | | | | | | resources Closed The ASI should document a transition plan for each key | | | | | material update in the reporting period. 8/31/2022 - DHS continues to seek | | the knowledge |
| | | | | | | resource as required by the RFP (reference RFP section 3.5.1.2 'Benefits Eligibility Solution Project Staffing'.) - Closed | | | | | applicants for the three PMO positions these positions remain unfilled. 7/29/2022 - DHS has received minimal applications for the open PMO | | transfer gaps have been closed and the |
| | | | | | | , | | | | | positions therefore, they may fill the positions with contractors. IVV does | | leadership of the |
| | | | | | | | | | | | not have visibility to the full impact of the delay in filling these positions. However, some of the administrative and contract management activities | | project remains strong hands from DHS. We |
| | | | | | | | | | | | are significant so DHS assigned these activities to internal staff on an interim | | recommend that the |
| | | | | | | | | | | | basis. 6/30/2022 - DHS continues to recruit for PMO resources. No other | | IV&V reassess the probability of impact |
| | | | | | | | | | | | material updates for this reporting period. 5/31/2022 - DHS continues to recruit for PMO resources, but the three positions remain unfilled. However | | probability of impact and severity of impact |
| | | | | | | | | | | | some PMO responsibilities are being addressed through existing resources. | | and lower the overall |
| | | | | | | | | | | | 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 | | rating for this risk.3/3/2020 - The AS |
| | | | | | | | | | | | this reporting period. 3/31/2022 - DHS continues to recruit for these | | PM stated the Project |
| | | | | | | | | | | | positions but received minimal interest to-date. 2/28/2022 - DHS posted | | Coordinator position is |
| | | | | | | | | | | | the PMO positions but are having difficulty identifying candidates. While online metrics show there is interest and the positions are being viewed, as | | filled and they will begin work on |
| | | | | | | | | | | | of this date, there has only been one application. 1/28/2022 - No materia | | 3/9/2020, transition |
| | | | | | | | | | | | updates in this reporting period. 12/30/2021 - No material updates in this reporting period. 11/26/2021 - No material updates in this reporting | | activities from Donna will begin next week. |
| 29 Uncertainty and/or a lack of communication | Michael Fors Finding | - lss 5/28/20 | 019 Project | 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 | 12/31/22 - IVV and some DHS stakeholders remain concerned with the lack | 06/30/2020 - Combined application is still planned. App still not finalized by | y |
| around long-term architecture decisions | | | Management | and socialized to the project. For example, the ASI and DHS have stated that | | Deliverable with additional details as they become available and with any | | | | | of clarity and lack of communication around the plans for and capabilities of | DHS. From Arch perspective, we are building in Liferay. Future Integration | 4/23/21 rap - The ASI |
| could impact the project budget, schedule, system design, and planning decisions. | | | | they have reached agreement that the project will move forward with implementing two Siebel instances (one for KOLEA, one for BES), but this is | KOLEA and BES are to move to a single instance of Siebel in the future, | architectural changes are finalized Complete - DHS should finalize the Portal strategy and implementation details and clearly communicate out to | | | | | the BES public portal. `11/30/22 - The new ASI is developing its communication plans so it is unknown at this time if their process will | of the portals is still to be determined, but is not more complex than originally planned for data sharing. If change is made to Adobe, this would | and DHS continue to |
| | | | | 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 | stakeholders and project teams. Complete 3/31 - The Project should | | | | | improve this issue. IVV notes one specific area that does need additional | require a CR. | for the two portal |
| | | | | It remains unclear if the details of the rationale for this decision or the plan for integrating the two instances post go-live have been thoroughly vetted | to see increased complexity, rework, and costs when integrating the two | continue to vet possible architectural change impacts to the platform (e.g., ADA, Configuration Management tools), M and O, MQD, and BES systems | | | | | communication to the project team is the plan and future use of the BES portal. The previous ASI had built the bulk of the portal (based on LifeRav) | | vision. We expect that final decisions will |
| | | | | and/or documented. Further, there may be some uncertainty around | systems in the ruture. | before finalizing architectural decisions DHS continue to request ASI | | | | | prior to their departure. The new ASI developed the current portal used by | | likely be made during |
| | | | | whether when/if all environments (including KOLEA and BES production) | | perform due diligence in any recommendation for foundational architecture | | | | | the public to submit applications for benefits. The new ASI is assessing the | | this reporting period |
| | | | | will be moved to the cloud. | | change decisions and continue to review with appropriate DHS stakeholders to assure a common understanding of the implications of these decisions. | | | | | best way forward and is considering combining both code sets without LifeRay. 10/31/22 - Given that the project is transitioning to the new ASI, it | | and communicated to the project. The ASI |
| | | | | | | The Project should continue to ensure communication between | | | | | remains unclear what changes the new ASI will make to the planned | | refers the IV&V to our |
| | | | | | | development leads and architecture leads to assure optimal collaboration on possible architecture changes that could impact decisions in each area. | | | | | infrastructure and other technologies being utilized. IVV will update the recommendations to include any infrastructure changes the new ASI may | | February update regarding |
| | | | | | | on possible architecture changes that could impact decisions in each area Maintain current communication processes to ensure regular | | | | | adopt, if any. 9/29/22 - No material update for this reporting period. | | regarding Recommendation#3. |
| | | | | | | communication between the architecture team and the rest of the project | | | | | 8/30/22 - No material update for this reporting period. 7/31/22 - IVV | | From our perspective |
| | | | | | | team to assess impacts of architecture decisions to the Project. CLOSED 11/30/2022 | | | | | remains concerned with the lack of clear communication around the planned configuration management tool and its intended use. DHS prefers | | all necessary actions are complete. If the |
| | | | | | | *** | | | | | Service Now but it is currently not funded, and IVV is unaware of | | IV&V does not believe |
| | | | | | | | | | | | contingency plans in the event Service Now funding is not approved. The project is currently assessing the additional level of effort that will be | | it is Complete we request supporting |
| | | | | | | | | | | | project is currently assessing the additional level of effort that will be required to comply with the latest revision (Revision 5) of Federally required | | request supporting detail. |
| | | | | | | | | | | | security controls. IVV is concerned that the move to Revision 5 and potential | | 4/23/21 rap - The ASI |
| | | | | | | | | | | | impact to the project architecture have not been broadly communicated to stakeholders. 6/30/22 - The ASI has stated that their cloud infrastructure | | and DHS continue to |
| | | | | | | | | | | | will continue to evolve as the technology improves or the cloud provider(s) | | refine the final plan |
| | | | | | | | | | | | make changes and that some architecture decisions have yet to be finalized (e.g., use of Splunk vs. Dynatrace). IVV has little to no visibility into whether | | for the two portal vision. We expect that |
| 2 Late delivery of project deliverables has | Ryan Finding | - lss 11/28/20 | 018 Project | Based upon the project schedule dated 11/26/18 (refer to schedule for | | IN PROGRESS Until the revised schedule is baselined, continue monitoring | TBD | 3 | 3 Med | Open | 12/31/2022 - No material update in the reporting period as the work | | 7/20/21 RAP - The ASI |
| caused schedule delays. | | | Management | specifics), several due dates for project deliverables have been missed. As of | deliverables may cause significant disruption to schedules or delays. | and analyzing deliverables to ensure there is no to minimal impact on the | | | | | stoppage continued and the new ASI conducted restart planning. IVV will | | will continue to refine |
| | | | | the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the | ***OLD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and | critical path. COMPLETE 5/31/2021 - When the revised schedule is published the project team should restart the weekly practice of reporting | | | | | reassess this finding and our associated recommendations once more is known. 11/30/2022 - The new ASI is assessing the status of all existing | | the published schedule based on feedback |
| | | | | execution of the project. In some instances, this risk may be compounded by | quality parameters. Without a schedule that provides the required level of | actions being taken for late tasks and develop mitigation plans for those | | | | | deliverables and will continue each one as necessary with new deadlines. | | from DHS and the |
| | | | | a backlog of Deliverable Expectation Documents (DED) requiring approval | detail to manage the work, the project is at risk to be successful. | 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 | | | | | For future deliverables, the Project plans to simplify content and the new AS will revise and submit new Deliverable Expectation Documents (DEDs) for | | IV&V while we work through the final |
| | | | | and acceptance from the State. | | deliverables can be managed 9/30/2020 Recommendation - IVV | | | | | DHS review and approval. 10/31/2022 - The BES Project is being assigned to | | change request for the |
| | | | | | | recommends the project team evaluate the estimating process to determine | | | | | the new ASI and transition activities are underway therefore no work was | | ATC which is nearing |
| | | | | | | If changes should be made to reduce the number of late tasks and/or conduct a root cause analysis to determine and address the root cause(s). | | | | | performed on the BES deliverables in this reporting period. The ASI transition is planned to complete in November, IVV will provide an update | | completion. Regarding |
| | | | | | | Closed 8/31/2020 Recommendations: - Prior to accentance of the new | | | | | on this finding when the new ASI begins work on the project deliverables. | | the recommendations Recommendation #1: |
| | | | | | | | | | | | 9/30/2022 - The DHS work stoppage halted all efforts on project deliverables. IVV will continue to monitor this finding once the BES Project | | Based on progress |
| | | | | | | baseline, finalize the needed updates to the project schedule to address the | | | | | | | |
| | | | | | | outstanding items/issues identified by DHS, the ASI, and IVV to include the | | | | | | | made to date, the ASI is hopeful, that we can |
| | | | | | | baseine, finalize the neceed updates to the project schedule to address the outstanding items/issues identified by DHS, the ASI, and IVV to include the Release O. I lessons learned Closed - Establish the process for DHS and the ASI to mutually agree to the revised project schedule baseline Complete - | | | | | resumes. 8/30/2022 - The ASI is behind schedule with development activities which will impact the critical path. Without an approved schedule, | | made to date, the ASI is hopeful, that we can agree in principle on |
| | | | | | | outstanding items/issues identified by DHS, the ASI, and IVV to include the Release 0.1 lessons learned Closed - Establish the process for DHS and the ASI to mutually agree to the revised project schedule baseline Complete - Establish the process for on-going schedule management and weekly | | | | | resumes. 8/30/2022 - The ASI is behind schedule with development activities which will impact the critical path. Without an approved schedule, it is difficult to determine what is behind schedule and what impacts late | | is hopeful, that we can agree in principle on the ATC change |
| | | | | | | outstanding items/issues identified by DHS, the ASI, and IVV to include the Release O. It Sesson Islamed Global - Establish the process for DHS and ASI to mutually agree to the revised project schedule baseline Complete Establish the process for on agoing schedule management and weekly updates, utilizing the Schedule Management sub-plan of the Project Management Plan (Bi-41) - Completes F311/2002 - Finalize the updates to Management Plan (Bi-41) - Completes F311/2002 - Finalize the updates to | | | | | resumes. 8/30/2022 - The ASI is behind schedule with development 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. 7/39/2022 - Fewer project deliverables are delivered late, and critical path activities do not | | is hopeful, that we can agree in principle on the ATC change request in July and have a final schedule |
| | | | | | | outstanding Items/Issues identified by DHS; the ASI, and IVV to include the Release Q.I. Issues issuand. Cloude: Establish the process for DHS and the ASI to mutually agree to the revised project schedule baseline Complete Establish the process for on-going schedule management and weekly updates, utilizing the Schedule Management sub-plan of the Project Management Plan (80-69) Complete S/331/200- Finalize the updates to the project schedule to address the outstanding items/juscus identified by | | | | | resumes. 8/30/2022 - The ASI is behind schedule with development activities which will impact the critical path. Without an approved schedule, it is difficult to determine what is behind schedule and wast impacts late deliverables or activities will have to project dealines. 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 | | is hopeful, that we can agree in principle on the ATC change request in July and have a final schedule published by the end |
| | | | | | | outstanding items/issues identified by DHS, the ASJ, and NV to include the Release O.1 lessons learned - Closed - Establish the process For DHS and the ASI to mutually agree to the revised project schedule baseline - Complete Establish the process for on-ging schedule management and weekly updates, utilizing the Schedule Management sub-plan of the Project Management Plan (Bol-Q) - Complete SJJ/2020 - Finalize the updates to the project schedule to address the outstanding items/issues identified by DHS and VV Closed, 5/31/2020 - Establish the process for OHS and the ASI DHS and VV Closed, 5/31/2020 - Establish the process for OHS and the ASI | | | | | resumes. 8/30/2022 - The ASI is behind schedule with development 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 alte, and critical path activities do not appear impacted when this happens since they are not dependent on those deliverables. For example, development delays found in Findine 880 do not | | is hopeful, that we can agree in principle on the ATC change request in July and have a final schedule published by the end of the month. |
| | | | | | | outstanding item/fususe identified by Infs., the ASI, and VIV to include the federa on 11 issues into an include the process for the Sid and the federa on 11 issues in the Sid and the Sid and the Sid and the Stabilish the process for on gring schedule management and weekly updates, utilizing the Schedule Management to the self-sid and self-sid and specified in the Sid and | | | | | resumes. \$1,007,002. The AG is behind schedule with development activates which will impact the critical part in the critical parts. Bit is difficult to determine what is behind schedule and what impacts its evidentiable so and waste impacts its evidence and exclusions. \$7,007,007,007,007,007,007,007,007,007,0 | | is hopeful, that we can agree in principle on the ATC change request in July and have a final schedule published by the end |
| | | | | | | outstanding immelliseurs identified by Init's, the AS, and NY to include the Reference 11 secons inserior. Consel: Establish the process for this and the ASI to mutually agree to the revised project schedule baseline Competer Establish the process for one openg schedule management and weekly spokens, utilizing the Schedule Management should be plant of the Projects to Management Their Low Competer Schizzloof Praisable three spokens of the Projects to Management should be added to the Schedule Management should be plant of the Projects to URS and NY. Consel. SCHIZZDOO - Schizzloof Praisable three spokens for the Schizzloof the ASI AND CONSEL ASI | | | | | resumes. \$1,937,922. The A file behind schedule with development activities which will impact the cititizal parts of the citizal parts | | is hopeful, that we can agree in principle on the ATC change request in July and have a final schedule published by the end of the month. Recommendation #2: The team has reinstituted every |
| | | | | | | outstanding immilisions identified by 10%, the AS, and VV to include the Richeston E. Liescons inseries. Crode: Establish on process for Dist and the ASI to maturally agree to the revised approxished baseline. Complete- cycletts, sulfilling the Asian State of the State of the Project control, and the Asian Complete of the Project in Asian State of the Project Management Plans (8 Od). Complete ST/12/DDD: Findular the supdates to the project schedule of address the outstanding four fillings in the ASI DIS and VV. Codes 5/37/DDD. Establish the process for CRF is and the ASI to travallarly agree that control project schedules intelle. Closed to travallarly agree the ASI DIS CREATED STATE OF THE ASIAN STATE OF T | | | | | resumes. \$1,07,022. The \$61 is belowd schedule with development activation with five important to critical park Whosh an approved schedule. It is difficult to determine what is belief schedule and what imports like development of the schedule and what imports like the other parks with hear to project deliner, 72,09,022. Therefore project deliverables are delivered bits, and critical path activities do not again important explained in Supplem indicated beautified. The plants in critical path activities do not appear importate deliverables. For example, development delay found in Inding 850 on the development. For example, development delay found in Inding 850 on the development of the plants of the plants appear importate development and simple this agent beat the plants in glinitation tagses where deliverables or members to the Popular Note. | | is hopeful, that we can agree in principle on the ATC change request in July and have a final schedule published by the end of the month. Recommendation #2: The team has reinstituted every other week schedule |
| | | | | | | outstanding immelliseurs identified by Init's, the AS, and NY to include the Reference 11 secons inserior. Consel: Establish the process for this and the ASI to mutually agree to the revised project schedule baseline Competer Establish the process for one openg schedule management and weekly spokens, utilizing the Schedule Management should be plant of the Projects to Management Their Low Competer Schizzloof Praisable three spokens of the Projects to Management should be added to the Schedule Management should be plant of the Projects to URS and NY. Consel. SCHIZZDOO - Schizzloof Praisable three spokens for the Schizzloof the ASI AND CONSEL ASI | | | | | resumes. \$1,937,922. The A file behind schedule with development activities which will impact the cititizal parts of the citizal parts | | is hopeful, that we can agree in principle on the ATC change request in July and have a final schedule published by the end of the month. Recommendation #2: The team has reinstituted every |