JOSH GREEN, M.D. GOVERNOR KE KIA'ĀINA



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

OFFICE OF ENTERPRISE TECHNOLOGY SERVICES | KE'ENA HO'OLANA 'ENEHANA P.O. BOX 119, HONOLULU, HAWAII 96810-0119

January 23, 2025

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

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

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

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

Sincerely,

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

Attachments (2)



Hawaii Department of Human Services Systems Modernization Project

Final IV&V Status Report for Reporting Period: December 1 – 31, 2024

Submitted: January 15, 2025



Solutions that Matter

Overview

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- IV&V Findings and Recommendations
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Solutions that Matter

Executive Summary



Executive Summary



In December, DHS and the ASI continued to focus on replanning the BES project to include changes to many project aspects that may directly impact the implementation approach, processes, and project schedule. Activities included:

- The ASI continued to revise the project schedule.
- DHS worked with the ASI to draft two additional Change Requests (CRs), currently being estimated for DHS approval.

• The ASI held Joint Application Design (JAD) sessions for the DHS-approved CRs. IV&V continues to be concerned that design sessions are not as collaborative as needed, especially if the project will switch to a Waterfall methodology where fully detailed requirements and design are required; not just incremental as in the current Agile methodology.

• The ASI has not released the Root Cause Analysis (RCA) report for the most recent schedule delay that occurred in September 2024. IV&V expects the results of the RCA to drive changes to the project processes that may also impact the schedule and resource planning efforts.

• The ASI continues to add new areas to be addressed in their process improvement initiative, which include testing and data conversion, which both IV&V and DHS agree could lead to improved project outcomes if all aspects of the initiative meet defined expectations.

There are many 'irons in the fire' that should be resolved and approved by DHS and reflected in the new schedule before the ASI's planned official re-kick-off of the BES Design, Development, and Implementation Project in January 2025.

Oct	Nov	Dec	Category	IV&V Observations
H	Н	Н	Project Management	The ASI has not yet provided a draft for the restart of the project, nor has an agreement been reached to transition the Software Development Methodology from Agile to Waterfall – two key elements that must be in place to fully restart the project.

Executive Summary



Oct	Nov	Dec	Category	IV&V Observations	
L	L	L	System Design	The ASI started hosting JAD sessions focused on the CRs requested by DHS, but IV&V is concerned that these discussion (as they are currently conducted) might not lead to comprehensive and accurate designs.	
M	M	M	Configuration and Development	The ASI has continued their efforts to enhance the software development process per their process improvement plan, including dedicating resources to monitor and drive this work, which might be altered upon completion and publishing of the Root Cause Analysis.	
L	L	L	Integration and Interface Management	Initial testing has been successful. IV&V expects to see remaining testing specifically called out in the revised schedule currently being developed.	
н	Ŧ	Е	Testing	With no major testing cycles in progress (SIT, UAT), the ASI is focused on process improvements for testing phases, in alignment with IV&V and DHS's desire to improve the overall testing process. In addition, the ASI is testing resolved UAT defects.	
Н	Е	Ξ	Security and Privacy	The ASI delivered six security policies to DHS for approval. IV&V is concerned with DHS resource availability to complete this work. The environment patching was completed, remediating many critical and high findings in the Plan of Action and Milestones (POAM).	
M	M	M	Requirements Analysis & Management	The ASI hosted a call with DHS and IV&V to demonstrate how to use the current version of the Requirements Traceability Matrix reports to confirm requirement coverage but was unable to do so. The ASI has added a resource to requirements management process to help address issues impacting the delivery of a workable RTM.	

As of the December 2024 reporting period, PCG is tracking 11 open findings (5 risks, 6 issues) and has retired a total of 76 findings. Of the 11 open findings, 4 are High, 3 are Medium, and 4 are Low.





The following figure provides a breakdown of the 88 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
98	Delays in providing the required deliverables to FNS could extend the review time needed and delay FNS's concurrence to start the pilot. This finding will be reevaluated by the IV&V team after the project team completes the replanning and determines the approach, requirements/functionality, and schedule for the Pilot and Statewide rollout.	Project Management
	The inconsistent Data Conversion status reporting and potential impact of several new Change Requests to Data Conversion may create a risk to the BES Project causing schedule and/or budget challenges.	Data
103	The ASI shared the process of they are following to resolve the balancing reports with stakeholders. Additionally, the ASI is made progress on resolving inconsistencies in the reporting of conversion status and mapping remaining fields between legacy systems and BES. IV&V will continue monitoring data conversion as work is defined for additional Change Requests being added to project scope.	Data Management and Conversion

Project Management

#	Key Findings	Criticality Rating
	Issue – A BES Project schedule based on inaccurate estimations diminishes effective planning and resource management, which could result in late deliverables, cost increases, and a late go-live.	
74	The ASI has not yet published a draft schedule, nor has the ASI and DHS agreed upon the software development life cycle (Agile vs. Waterfall) that will be used for the duration of the project. It is also unknown to IV&V how the ASI estimated the remaining work, not only the development but all remaining deliverables and those that must be revised due to the delay.	Н
	ommendations	

Recommendations	Progress
 Monitor, evaluate and revise scheduling estimates for accuracy based on the project teams past performance and resources available to do the remaining work. 	In Process
 Any work required to address findings from Root Cause Analysis should be included in the revised schedule to validate completion for DHS. 	New

Project Management

#	Key Findings	Criticality Rating		
88	Risk – Implementing a Core Solution for go-live carries inherent risks that may impact overall Project success and reduce user adoption.This finding will be reevaluated by the IV&V team after the project team completes the replanning and determines the approach, requirements/functionality, and schedule for the Pilot and Statewide rollout.	M		
Recommendations Pr				
	ncrease OCM efforts to effectively manage user, general public, and legislative expectations for the BES rersion at go-live.	In Process		
	Prioritize feedback from users and FNS to ensure the solution meets their core needs and so users are clear on what features they are, and are not, getting.	In Process		
c	Actively monitor, assess, and address potential challenges throughout the development process including code quality, cutting scope to meet development milestones, insufficient user validation of demonstrated functionality, and fully defined workarounds to accommodate for the missing functionality.			
• 4	Actively monitor UAT and Pilot feedback and track users' biggest pain points. Pain points can then be			

 Actively monitor UAT and Pilot feedback and track users' biggest pain points. Pain points can then be prioritized based on negative impact and project leadership can decide if fixing or changing poor designs can be implemented prior to go-live.

Project Management

		Key Findings	Criticality Rating
		Issue—The current mitigation approach to completing the development of the remaining Epics is condensed and aggressive, which may increase the likelihood of schedule delays, quality issues, and a higher volume of testing defects.	
8	39	According to the 12/25/2024 Project Status report, the development of Epic 206 (Access and Use Audit information) has additional delays. The due date has been updated from 12/13/2024 to 1/9/2025. Additionally, ASI is currently working on finalizing a revised schedule. Once received, The IV&V team will conduct a thorough review of the revised schedule and its relevance to this finding.	Н

Recommendations	
Develop Contingency Plans if the mitigation plan continues to see slippage affecting INT and SIT.	In Process
 The ASI validates that development and testing resources have sufficient bandwidth to complete overlapping assigned responsibilities 	In Process

System Design

#	Key Findings	Criticality Rating
	Issue – Limited collaboration between the ASI and DHS in the design process could lead to BES usability issues and functionality gaps in the application and not meeting critical business needs for DHS and State clients.	
86	Joint Application Design (JAD) sessions have started up, focused on the Change Requests that have been approved by DHS. Collaboration has been limited in these initial JADs, focused more on DHS answering questions on proposed design rather than an initial discussion on the direction of the design; which should be the focus in these initial pre-design meetings. IV&V suggest best practices be followed for conducting JAD sessions to ensure the best results for the project.	L

Recommendations	Progress
 Perform Sprint and Epic demos in alignment with development Sprint completion (demo functionality/requirements as they are developed) to get early feedback on work products. 	In Process
 Improve rigor in the Design process by verifying all impacted policy and DHS SMEs are involved and approve the design to avoid extensive defects and gaps in functionality that may trigger the need for a change request. 	Not Started

System Design

#	ŧ	Key Findings	Criticality Rating
7	3	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 for this reporting period.	L

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

Configuration and Development

#	Key Findings	Criticality Rating
70	Risk – Insufficient configuration management could lead to development confusion and reduce the effectiveness of defect resolution. No material update for this reporting period.	

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

Configuration and Development

#	# Key Findings				
80	 Issue – Development delays have negatively impacted the project schedule and delayed go-live. The ASI continues to make efforts to enhance development quality and efficiency. They have recently onboarded a senior development manager to help address ongoing development challenges and course-correct where necessary. Additionally, the ASI has reportedly added two new development leads focused on quality assurance, as well as a new release manager. 				
Re	commendations	Progress			
	ASI effectively track and regularly provide DHS (potentially via the weekly DDI status meeting) with an accurate velocity (e.g., story points per day/week/month) and assure that the current velocity is accurately and consistently reflected in the project schedule.	In Process			
	The ASI should provide DHS with the time needed to effectively evaluate the software demonstrations (demos) and elicit productive design discussions with DHS attendees during each demo.	In Process			

• ASI regularly reports estimated story points for the total remaining project work to reach go-live and presents a In Process dynamic burn-down chart to track the progress.

• The ASI should consider enhancing the depth of developer unit testing.



In Process



Integration and Interface Management

#	Key Findings	Criticality Rating		
	Risk – Due to the lack of physical and technical (Transport Layer) testing of the interfaces and data transfer failure, conditions may exist with data format, boundaries, and dependencies. These failures may result in intermittent and hard-to-isolate problems or errors.			
93	The initial set of testing was successful. Test planning and execution for the other interfaces should be integrated into the recast schedule discussions. Successful results, including graceful rejection of invalid interface data (such as misnamed SFTP files or short fields/truncated files), are recommended prior to commencement of SIT testing.			
Reco	mmendations	Progress		
• AF	Pl interfaces should be tested for failure conditions during connection and transfer operations.	In Process		
• FT	P and file interfaces should be tested for data and file integrity.	In Process		
	est data fields for system impacts resulting from data that is poorly formatted, out of range, or other expected data transmission errors.	In Process		



Testing

#	Key Findings			
83	Issue – Gaps in test coverage and slower-than-expected progress in testing may result in schedule delays if subsequent test phases uncover a higher volume of defects and user feedback than initially anticipated.	н		
03	The ASI is testing UAT defects that have been resolved, in advance of any DHS testing. IV&V awaits the RCA report and the details of the possible Design, Development, and Implementation (DDI) change from Agile to Waterfall to understand the changes to the testing process that the ASI is proposing.			
Reco	Recommendations			
	HS and ASI revisit the testing approach to prioritize completion of remaining test activities and conduct mprehensive System Integration testing (SIT) to minimize defect leakage to User Acceptance Testing (UAT).	In Progress		
	SI assesses the potential impact of the large number of unresolved defects on future development efforts, is units a more robust and efficient development process.	In Progress		
	SI develop and implement a revised testing approach to improve the completeness and thoroughness of ture testing cycles.	In Progress		

Security and Privacy

#	Key Findings	Criticality Rating
	Issue – The lack of technical documentation may lead to incorrect implementation statements or delay the System Security Plan (SSP).	Н
82	The ASI resolved the critical and high POAMs related to patching of "Spring Boot". Additionally, six security policies were completed by the ASI and sent to DHS for final editing and approval. The availability of DHS resources to complete the policy work remains an IV&V concern.	

Recommendations	Progress
 Collaborate and communicate with SSP authors about when reliable and correct documentation will be available. 	In Process
 Include the Secure Enclave within the work breakdown structure along with the known tasks related to the IRS Assessment to continue receiving FTI in BES. 	Not Started



Requirements Analysis & Management

 P4 Risk - The lack of an effective way to validate BES requirements could lead to project delays and unfulfilled user needs if DHS later identifies unmet contractual requirements. 94 The ASI hosted a meeting to review usage of the RTM, but all attendees agreed more work was needed to provide a usable report for both the ASI and DHS to validate requirement coverage. The ASI plans to share a revised RTM at the next CCB meeting. 	#	Key Findings	Criticality Rating
	94	unfulfilled user needs if DHS later identifies unmet contractual requirements. The ASI hosted a meeting to review usage of the RTM, but all attendees agreed more work was needed to	M

Recommendations	Progress
• Develop a document that provides DHS with a feasible and effective way to map contract requirements to passed test cases, and, per the BI-19 (Complete and Final Test Plan),"Maps the implementation, functional and technical requirements to the test cases and test scripts".	In Process
 Ensure test scripts thoroughly and comprehensively test the system to assure each requirement has been fully met. 	In Process

IV&V Status



IV&V Engagement Status



IV&V Engagement Area	Sep	Oct	Nov	Comments
IV&V Budget	ightarrow	\bigcirc		
IV&V Schedule				
IV&V Deliverables	\bigcirc		\bigcirc	PCG submitted the final November IV&V Monthly Status Report.
IV&V Staffing	\bigcirc	ightarrow		
IV&V Scope				



IV&V Activities



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

Deliverables Reviewed



Deliverable Name	Deliverable Date	Version

Additional Inputs – Artifacts



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

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Additional Inputs



Meetings and/or Sessions Attended/Observed:

- 1. IV&V Team Meeting 12/2/2024, 12/5/2024, 12/9/2024, 12/12/2024, 12/16/2024, 12/19/2024, 12/23/2024, 12/30/2024
- 2. IV&V/ASI September Pre-draft Review 12/5/2024
- 3. HI DHS BES October Draft IV&V Report Review 12/13/2024
- 4. Bi-Weekly DHS BES PMO/IV&V Check-in 12/20/2024
- 5. Weekly BES Infrastructure meeting 12/13/2024, 12/16/2024
- 6. Weekly Client BES 2023 Project Status Meeting 12/11/2024, 12/18/2024
- 7. Security Touchpoint 12/4/2024, 12/11/2024, 12/18/2024
- 8. (Externa(I) Weekly Interfaces Touchpoint 12/2/2024, 12/9/2024
- 9. (External) Bi-weekly BES CCB Meeting 12/11/2024
- 10. eWorld/IV&V Mid-Month Check-in 12/20/2024
- 11. (External) BES: FNS Connect 12/5/2024
- 12. Review RTM usage (ASI, DHS, IV&V) 12/12/2024
- 13. (External)- BES Data Conversion Dive into Balancing of CORE Data Components 12/13/2024
- 14. (External) CR2024-013 DHS 1240 Form Update 12/16/2024
- 15. (External) JAD CR2024-016 Application Enhancements 12/17/2024
- 16. (External) Pre-Design Epic 201 HARI Notices Conversion 12/18/2024, 12/23/2024
- 17. (External) CR2024-015 Limit BES Automatic Data Population from SSP 12/19/2024

Appendices





Appendix A – IV&V Criticality Ratings

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

Appendix B – Findings Log



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

Appendix C – Acronyms and Glossary



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



Appendix C – Acronyms and Glossary

Acronym	Definition
IV&V	Independent Verification and Validation
KOLEA	Kauhale On-Line Eligibility Assistance
M&O	Maintenance & Operations
MEELC	Medicaid Eligibility and Enrollment Life Cycle
MEET	Medicaid Eligibility and Enrollment Toolkit
MOU	Memorandum of Understanding
MQD	Hawaii Department of Human Services MedQuest Division
NIST	National Institute of Standards and Technology
OE	Operating Environment
OIT	Department of Human Services Office of Information Technology
PIP	Performance/Process Improvement Plan
PMBOK [®]	Project Management Body of Knowledge
PMI	Project Management Institute
РМО	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
 Security and Privacy
- Requirements Analysis & Management
- System Design
- Configuration and Development
- OCM and Knowledge Transfer
- Pilot Test Deployment
- Integration and Interface Management
- Deployment

Testing

- Data Management and Conversion
- HI Systems Modernization Independent Verification & Validation Monthly Report: December 2024

Ending Slide



Solutions that Matter

HI DHS Monthly IV Status Report Final - December 2024

Finding	Identified						Analyst Fi	Finding		
reporting and potential impact of several new Charge Repeats to Data Conversion may create a risk to the BIS Project causing schedule and/or budget challinges.	and Conversion	regarding the status on the number of data fields remaining to be mapped and converted (64) takan Report and Otto Gomesino Antifactis. Cuestions make by MV to the Data Conversion starts and 10/23/2004 have out by the status of the status of the status of the status of the status Conversion Defects remain oristanting on a UT2/S2024. It has not status of the status of the status of the Data Conversion precision included an evolution of the images to the Data Conversion precision included and evolution of the images to the Data Conversion precision methods and the status of the Data Conversion precision and the ASI to ensure there is a data with control and the ASI to ensure the side of an evolution of the images to the Data Conversion precises to determine if there is a potential risk to the BES Propect.	issues. In so other that data conversion and only and constrainty that the body and the source of data and the other works are used as any with validation light for any data interdependencies.		Nor			b o c C	22/11/2044 The Add based the process of they are following to meanly the based of the Add based the process of they are following to meanly the meanly meanly field based of the Add based of the Add based of the Add based and the Add based of the Add based of the Add based of the Add based Dauge Requests being added to project scope.	12-13-2024 Whom from DFS is website perpendion decommon sector of the sector concerns in Strikas indication and the sector consulted of These to consult and these conversion process Three decoments with decoments with decoments with decoments with decoments with decoments with decoments with decoments wit
90 Edga is providing the required deliverables. Mining Irad. Concern to PIS cold end and the review of man model of and delay IMS's concurrence to start the plot.	7/24/2024 Project Management	the weekly Headiness meeting on 723,1 was mentioned that PNs is at its over-mit, so its avoids at locating, why him high require the socument review to late the full 60 days. The longer DHS delay getting deliverables to PKS, the closer it gets to the planned stars for Plot.			now			P 1 P 1 1 P 0 0 1 0 0	22/12/024 - This finding will be revealuated by the VV team after the requirements/This finding will be revealuated by the VV team after the requirements/This finding will be revealed by the set of startworks in filling will be requirements/This finding will be revealuated by the VV team after the set of the set of the set of the set of the set of startworks in the requirements/This finding will be revealuated by the VV team after the set of the set of the requirements/This finding will be revealuated by the VV team after the the VV team if the the policy team (settermines the segnerated by the VV team if the the policy team (settermines the segnerated by the VV team if the the policy team (settermines the segnerated by the VV team if the the policy team (settermines the segnerated by the VV team if the the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by the VV team after the policy team (settermines the segnerated by team (settermines the settermines the segnerated by team (settermines the settermines the segnerated by team (settermines the settermines the settermine	
94 The lack of an effective way to validate BES. Mining Ind. Finding - requirements could lead to spoight default and unfatfilled user needs if Diris later identifies usenet contractual requirements.	4/13/2024 Requirements Analysis & Kolangement	ensuring the system's compliance with contractual commitments by associating each requirement with passed test case(s). However, the	SIT completion. DHS may be unable to make an informed decision on SIT es criteria. This could lead to DHS starting Final Acceptance Testing (FAT) and then realizing that not all requirements have been fully met, resulting in a delaws.	III PRODUCTS: Develop a document that provides (DIS vitin a facultie on effective with your contract regimements) to passed text case, and, per the B-I-3 (Comparise and Final Text Tab), "Adap the implementation may be accessed on the second second second second second may be accessed to the second second second second second assure each requirement has been fully net.	5/10/2024	3 3	3 Med O	three set of the set	22/12/024 - The AAB hoot a meeting to review usage of the RTM, but all the AB and DF so validate requirements covering. The AD paint to that a be AB and DF so validate requirements covering. The AD paint to that a difference of the AD and the AD and the AD and the AD and the AD and the AB and DF so validate requirements the AD paint to the AD and when the same cover the AD and the Report Adors and and the AD and COVER and AD and AD and AD and AD and AD and the AD and AD and AD and AD and AD AD AD AD AD AD AD AD AD A	9/J/2024 include international provided prior to AFT. 7/12/2024 The Totasure if this is worth noting but even outsure if this is worth noting but even outsure if this is supported by the requirement criteria for entering into BES 1.0 FAT. 06/14/2024 The BU 21 RTM design of the requirement criteria for entering into BES 1.0 FAT.
93 Date to the lack of physical and technical Reprofed. Finding - tenting of the interfaces and data barrow. Mark Boan Railer, conditions may result with data format, boundains, and dependencies. These Halves may result in intermitteet and hard do-indexing problems or errors	4/22/2324 Wegestein and Interface Management	dats flow testing is usually part of an interface definition.	This tasting is essential before initial delonjoment to provent unorgenetial and difficulto tervendor transmitting data — or the samitting data — or the samitting data — or the samitting data are the samit	connection and transfer operations. J. FTP and file interfaces should be lossed for data and file interplays, A1 cated fields for system impacts burnespected data transmission errors. Removed 2. [IrAn transactional traffactures and transmission errors. Removed 2. [IrAn transactional traffactures that the ones can opticional, PAI interfaces should be tased of race conditions. S. [Refundant with A1] Interface records and file should be tased for format, length, or other physical formating errors.				Dpen 1 c s iii fi fi p p n n n c c t t iii c t c t t t t t t t t t t t	22/12/024 The initial set of testing was successful. The planning and successful for the other initiance should be integrated in the format initial set of testing and the set of testing and the set of testing multi-initiance should be integrated in the format of testing and the set of testing and deformation is flags and the 07/12/024 The TimeTesting and the testing of the Other 12/12/024 The TimeTesting and the testing of the Other 12/12/024 The TimeTesting and the TimeTesting and the TimeTesting and and the test scripts for the 12 interfaces included the Ministry 12/12/024 The TimeTesting and the testing of the Other 12/12/12/12/12/12/12/12/12/12/12/12/12/1	06/14/2024 An received at the May received, a technical interface teem plan does only recommendations for this finding.5/11/2024 As mentioned at the pre-meet, a technical interface team plan does cut to address frecommendations for this finding.
89 The current approach to completing the Kalu, Kenu Finding - development of the remaining epics in the remaining epics of condensed and approximation and the second second condensed and approximation and the second second quality issues, and higher volume of testing defects.	12/21/2023 Project Management	Then of the Tipic schedule for completion before Release 0.12 BT will not be ready. To avoid 14 density, the current approach is to begin 17 without the 10 pics; and rest them as they are completed. Addressing, Release 10 to be the schedule of the schedule of a schedule of a data to be en extended for another ten business days.	Insufficient INT may create gaps in SIT, leading to further quality issues. Thi 2. may increase the risk of significant delays or introduce defects into the	OPR1- the AS validates that development and testing resources have particines transduction to complex overlapping assigned responsibilities. Develop Configurery Plain II the miligation plan continues to use singues develop configurery Plain II the miligation plan continues to use singues develop configurery Plain II the miligation plan continues to use develop the second second second second second second second second second second second second second second second advances develop the second advances develop the second second second second second second second second second second second second second advances develop the second method second second second second second second second second second second second second second second second method second	e	4 5	s High O	d d A n n n C C C C - u u n n s t t s t 1 1 1 S 1 1 2 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	22/27/204-According to the 12/25/2042 Project Batan report, the designment of bic // Dic // Dices and und kack filtermoothy has additional billion. The disk designment of bic // Dic // Dices and Und kack filtermoothy has additional disks, "The disk designment of bic // Dices and Und kack filtermoothy has additional disks," The disk designment of bic // Dices and Und kack filtermoothy has addited the disk of the disk of the disk of the disk of the disk designment disks, "The disk designment of bic // Dices and Und kack filtermoothy and Und kack project statin meeting, the development for gic 202 (Riscott Verwag and non-designment of bic // Dices and Und kack filtermoothy and Und kack project statin meeting, the development for gic 202 (Riscott Verwag and disk development of gis 202 (Riscott Verwag and	12/11/2024 Regenting "WW models and the supporting new schedule may reasing in the supporting making it challenging to manage and coordinate multiple there are and always will be concurrent activities on the execution of the schedule and schedule and schedule that be added to the schedule and schedule that be added contract? Resources? Conflicting concurrent activities of the project schedule? FEC. 11/13/2024

HI DHS Monthly IV Status Report Final - December 2024

18 Implementing a Core Solution for go-live	Reporter Type	Identified Date Category	Observation	Significance	RecommendationEvent Horizon	Impact Proba	Analyst ability Priority	Finding Status	Status Update C	lient Comments	Vendor Comments
carries inherent risks that may impact	Molina, Brad Finding - Risk	11/30/2023 Project Management	The project has elected to implement a Core Solution at go-live to meet their	Going live with a limited version of a software product entails inherent risks,	OPEN Increase OCM efforts to effectively manage user, general public, and Now	3	3 Med	Open	12/31/2024 - This finding will be reevaluated by the IV&V team after the		
carries inherent risks that may impact overall project success and reduce user	Risk	Management	stated timeline. This version is generally referred to in Agile software development as a Minimum Viable Product (MVP), which is a simplified	such as potential challenges in securing user buy-in. This can result in limited user adoption, user dissatisfaction, and negative publicity,	legislative expectations for the BES version at go-live.				project team completes the replanning and determines the approach, requirements/functionality, and schedule for the Pilot and Statewide rollout.		
adoption.			version of a product that 1) offers functionality that meets the core needs of	particularly considering the financial investment made for the delivery of	users are clear on what features they are, and are not, getting. • Actively				11/30/2024 - The ASI and DHS have agreed to increase the scope of the Pilot		04/10/2024 -
			users, 2) can accelerate the timeline for go-live, and 3) allows the project to	limited functionality. A compressed timeline may compromise the quality of	monitor, assess, and address potential challenges throughout the				release to include some DHS-determined critical functionality. IVV will		"Some required BES functionality will be
			get real-world reedback from users to refine future product development.	designs, user interface sophistication, and lead to an uptick in software bugs and suboptimal code. Further, this approach may expose the project to	development process including code quality, cutting scope to meet development milestones, insufficient user validation of demonstrated				continue to evaluate the impact of these additions to the project to determine if the risk of this finding has been mitigated, 10/31/2024 - This		functionality will be implemented post-
				regulatory compliance risks, such as last-minute objections from regulatory	functionality, and fully defined workarounds to accommodate for the				finding will be reevaluated by the IVV team after the project team completes		Pilot." What does this
				bodies like FNS, which could find certain system elements non-compliant	missing functionality. Actively monitor UAT and Pilot feedback and track				the replanning and determines the approach, requirements/functionality,		mean? I think I know
				with their standards and delay the go-live date. Misalignment between stakeholder expectations and the Core Solution may lead to dissatisfaction.	users' biggest pain points. Pain points can then be prioritized based on negative impact and project leadership can decide if fixing or changing poor				and schedule for the Pilot and Statewide rollout 9/30/2024 - Without an RTML there is ambiguity on the ASI presented enhancements and critical		the intent and perha update as such?
				or a lack of support for the project and could negatively impact future	designs can be implemented prior to go-live. COMPLETE CLOSED • DHS				functionality list developed by DHS as compared to the contract		update as such?
				project funding requests. Implementing a limited Core Solution typically	carefully assess whether the advantages of a timely release outweigh the				requirements. IVV recognizes the project is almost 6 years old, meaning		"Per the Go to Green
				requires the customer to implement multiple workarounds until automated	advantages of going live with a system that provides more comprehensive				policy and business operations has changed which may drive the need for		plan, the ASI plans to
				features can be built into the system. Users could become impatient if these features are further delayed when bug fixes and other features take	functionality, requires fewer workarounds, and increases user satisfaction and buv-in. (06/30/2024)				enhancements. However, these lists should be validated and negotiated by DHS and ASI to ensure DHS does not pay for functionality twice.		implement required functionality in
				precedence. Others may lose confidence that the features or system	and buy-in. (06/30/2024)				8/30/2024 - DHS continues to emphasize the need for workouts to be		multiple releases
				improvements will ever be implemented. Going live with a solution that is					documented and incorporated into training, with a plan to update		(Pilot/Statewide/Post
				missing functionality that stakeholders were expecting typically requires an					documentation as defects are resolved to enable pilot workers to be most		Statewide).*12/15/20
				increase in OCM efforts both by the ASI and DHS staff to temper stakeholders' reactions to a system with limited functionality.					effective. 7/31/2024 - DHS and the ASI continue to document and develop workarounds in preparation for Pilot. There are now two workaround areas;		23 - Above already addressed by DHS/Jo
				staticionació reactiono to a spaceri ante minico rancomany.					 known gaps in functionality and 2) defects discovered during testing that 		Campos.Ensure
									will not be addressed prior to Pilot. Additionally, planning is ongoing for		recommendations
									incorporating these workarounds into the training process. 6/20/24 - Per DHS's request, the ASI is currently developing a list of workarounds to		reflect "In Progress" "In Process".
									address known gaps in BES 1.0 functionality. 5/23/24 - No material update.		III PIOLESS .
									4/30/2024 - No material update. 03/30/24 - The ASI's Go to Green plan and		
									project schedule were approved by DHS. Per the Go to Green plan, some		
16 Limited collaboration between the ASI and DHS in the design process could lead to BES	Molina, Brad Finding -	8/1/2023 System Design	During the UAT process for release 11, there has been a high level of concerns mixed by the DHS torters recording the us billing of the RES contemport.	A significant amount of money and DHS resource time have been invested in the BES solution, with the expectation that the new system will at minimum	OPEN - Perform Sprint and Epic demos in alignment with development Now contact completion (dome functionality/completenents as they are developed)	2	2 Low	Open	12/31/2024 -Joint Application Design (JAD) sessions have started up, 10 focused on the Change Requests that have been approved by DHS. th	0/11/2023 Jessica - Our SMEs are providing their feedback. This is one of he items that I clarified with IV&V, that there are feedback given, no	of
usability issues and functionality gaps in the	10000		challenges with the user interface, missing functionality, and basic screen	provide all functionality found in current applications - but really should	to get early feedback on work products Improve rigor in the Design				Collaboration has been limited in these initial JADs, focused more on DHS fe	redback means design is ok. I rec'd an emal back from Joe F. that IV&V	11/13/2024
applications, not meeting critical business			layout issues that would not be expected in a modern application. Based on	provide additional capabilities, greatly enhanced user interface, and overall	process by verifying all impacted policy and DHS SMEs are involved and					vants to meet with our reviewer to validate this.	For next status
needs for DHS and State clients.			defect reporting from the UAT process, a large majority of the defects are	improved usability from current systems. Should the solution fall short of	approve the design to avoid extensive defects and gaps in functionality that				the direction of the design; which should be the focus in these initial pre-		reporting - eWorldES
			related to "design errors". Although the Release 11 UAT cycle was testing a partially build system, a significant amount of design defects was	expectations, there may be challenges in DHS staff adoption; lack of confidence in the solution providing the accurate information needed to	may trigger the need for a change request CLOSED - ASI and DHS re- evaluate the effectiveness of the recorded Sprint review process to ensure				design meetings. IVV suggest best practices be followed for conducting JAD sessions to ensure the best results for the project. 11/30/2024 - This		plans is shifting to waterfall methodolog
			attributable to functionality developed for Release 11.	provide benefits to HI citizens; reduction in ability for DHS to provide the	evaluate the effectiveness of the recorded spinit review process to ensure that designs align with DHS expectations. (closed 3/31/2024) - Include a				sessions to ensure the best results for the project. 11/30/2024 - This finding will be reevaluated by the IVV team after the project team completes		once the related
				same level of needed services to clients, resulting in bad publicity for DHS	wide enough audience in all design and demo sessions to validate FNS and				the replanning and determines the approach, requirements/functionality,		decision log item is
				and the state.	DHS functional and technical requirements and system usability. (closed				and schedule for the Pilot and Statewide rollout, 10/31/2024 - This finding		approved by DHS and
					6/14/2024) - Perform comprehensive (demo all requirements) review during Epic demos, not just the items that were added/updated, allowing				will be reevaluated by the IVV team after the project team completes the		will not be doing
					using cpic sensor, not just the items that were added/updated, allowing DHS to provide early feedback on possible issues/gaps that might not be				replanning and determines the approach, requirements/functionality, and schedule for the Pilot and Statewide rollout 09/30/2024 - No material		sprint and epic demos moving forward.
					DHS to provide early feedback on possible issues/gaps that might not be apparent when focusing on specific functionality. (closed 6/14/2024)				update in this reporting period. 8/30/2024 - Design activity was minimal in		05/14/2024
									the reporting period, with DHS reviewing the final Self Service Portal (SSP)		
									designs. IVV continues to monitor design activities to validate continued		Why is this in Not
									collaboration between the ASI and DHS. 7/31/2024 - IVV observed positive progress this month with the ASI providing specific actions to address DHS		Started? We had a liv sprint demo for Epic
									concerns regarding the Mass Change Functionality (Epic 208). 6/31/2024 -		209. In addition, this
									IVV observed DHS and the ASI working collaboratively in a setting that		should not include
									promoted healthy dialogue on the BES design therefore, the criticality rating		Epic demos. We have
									is updated from a medium to low. 05/30/2024 - The ASI plans to continue		always had live Epic
									live Sprint Demos for the remaining Epic design work, providing a venue to increase collaboration with DHS. The SSP development will follow the		demos. Regarding SSP
									Waterfall methodology so no sprints or demos will occur. 04/30/2024 - IW/		following the
									commends the ASI and DHS team for reverting to conducting four live sprint demos in support of Epic 209. These proved to enable timely, efficient		Waterfall
									demos in support of Epic 209. These proved to enable timely, efficient		methodology DHS
3 Gaps in test coverage and slower-than-	Kalsi, Neetu Finding -	6/2/2023 Testing	After examining the Project's R11 QA Dashboards, R11 Traceability	identifying defects early is vital for effective testing as it is more efficient	OPEN - DHS and ASI revisit the testing approach to prioritize completion of UAT	4	4 High	Open	collaboration. 03/31/2024 - Due to a high number of questions and 12/27/2024- The ASI is testing UAT defects that have been resolved, in		has approved all the
expected progress in testing may result in	Issue	of streams results	Dashboards, and Test Repository, gaps in testing coverage may exist and the	and cost-effective to address issues during the early testing stages. If there	remaining test activities and conduct comprehensive System Integration		1.110	open	advance of any DHS testing. IVV awaits the RCA report and the details of the		
schedule delays if subsequent test phases			progress of testing might be lagging. Concerning testing coverage, it appears	is slow progress or incomplete testing in the early stages, it can result in	testing (SIT) to minimize defect leakage to User Acceptance Testing (UAT)				possible Design, Development, and Implementation (DDI) change from Agile		12/11/2024
uncover a higher volume of defects and user feedback than initially anticipated.	er -		that not all epics and use cases in R11 have associated test cases or are testing the correct use cases. In terms of progress, some test cases remain	more defects leaking into subsequent testing phases, necessitating more extensive and rigorous testing efforts. Insufficient testing coverage or slower					to Waterfall to understand the changes to the testing process that the ASI is proposing. 11/26/2024- The recent UAT testing cycle ended, but did not		Please revisit the first two recommendation
feedback than initially anticipated.			unexecuted, and not all defects have been resolved as the project	than-anticipated progress throughout the project lifecycle increases the risk	development process - ASI develop and implement a revised testing				complete, on November 15, 2024, with a total of 95 failed test cases in the		as these should reflect
			commences System Integration Testing (SIT). The ASI has plans to complete	of encountering significant delays, extensions, or the introduction of defects	approach to improve the completeness and thoroughness of future testing				real-time environment and 137 failed test cases in the time travel		an "In Process"
			the INT exit criteria by June 16, 2023, about 2 weeks after SIT begins.	into the production environment during the final testing stage, known as	cycles. CLOSED - The ASI should determine the root cause of the failure to				environment. There was a total of 279 unresolved defects, which raised		progress status.
				Final Acceptance Testing (FAT).	identify simple defects in INT and SIT and implement effective improvement processes to confirm early testing is adequate before entering UAT/FAT				concerns about the overall stability and reliability of the system. The IVV team is concerned that introducing new functionality on top of the current		11/13/2024
					processes to confirm early testing is adequate before entering UA1/FA1 (Closed 4/30/2024) - DHS and ASI monitor INT/SIT closely for both breadth				team is concerned that introducing new functionality on top of the current unstable system may lead to project delays or failure. While ASI has		DHS reviews and
					and depth of testing to ensure the system is adequately tested (Closed				committed to resolving the outstanding defects, the IVV team has added a		approves all SIT tests
					10/30/2024) - ASI utilize the two-week FAT testing pause to address and				recommendation on the testing approach. 10/31/2024 - As of October 30,		to ensure full coverag
					resolve outstanding SIT defects and apply the fixes in the FAT environment,				2024, DHS testers identified a total of 1618 defects with 373 defects still		of functionality. The
					ensuring that these defects do not recur when FAT resumes, optimizing testing efficiency and reducing potential defect rediscovery. (Closed				unresolved, comprising 123 High Severity, 177 Medium Severity, and 73 low severity defects. The ASI resolved and moved to UAT 175 defects during the		test team tests the designs including the
					testing enciency and reducing potential detect rediscovery. (Llosed 10/30/2024) NOT COMPLETED - The Project team reviews the SIT exit				two-week UAT testing pause. Despite this progress, significant gaps remain.		OPA rules as expected
					criteria and revises them as needed to ensure UAT/FAT begins with the best				20% (137/682) of real-time environment test cases and 49% (205/417) of		DHS is testing their
					system possible. (3/31/2024) - DHS should request that the ASI develop a				time travel environment test cases are unresolved. This poses significant		processes and policy
					Corrective Action Plan to address the failure of prior test phases (Unit, INT) to capture defects that rolled into SIT (09/26/2024)				risks, potentially compromising system reliability, performance, and quality. Unresolved defects and incomplete testing may lead to undiscovered issues,		which is why they are raising bugs that man
					to septer concess one folieu into 311 (03/20/2024)				impacting overall system integrity. 9/30/2024 - IVV recognizes the project		are actual design
									team's decision to postpone the Pilot and Statewide implementation, and		changes because they
									that DHS and ASI are jointly developing a revised approach and schedule.		do not meet their
									Meanwhile, IVV's review of testing trends reveals mixed results. Compared to last month, passed test cases increased 22% in the real-time environment		expectation of their current process in
									to last month, passed test cases increased 22% in the real-time environment (421 to 513) and 309% in the time travel environment (42 to 172). However,		current process in HAWI.
									failed test cases remained relatively stable in real-time and rose 51% in the		The two-week break
12 The lack of technical documentation may	Heath, Dustin Finding -	4/27/2023 Security and	In April, the ASI/DHS system security plan (SSP) authors began writing	Once the system architecture and design have been completed, the SSP	NEW Include the Secure Enclave within the work breakdown structure along Prior to the sta	art of 4	5 High	Open	12/31/2024 - The ASI resolved the critical and high POAMs related to		
lead to incorrect implementation statements or delay the System Security Plan	ts Issue	Privacy	implementation statements. Currently, the technical documentation	authors may need to edit or rewrite implementation statements. A full draft	with the known tasks related to the IRS Assessment to continue receiving FTI the third-party in BES, OPEN - Collaborate and communicate with SSP authors about when assessment.	(patching of "Spring Boot". Additionally, six security policies were completed by the ASI and sent to DHS for final editing and approval. The availability of		09/9/2024 SSA accepted DHS pla
or delay the system Security Plan			supporting the SSP is unavailable, outdated, or in a draft form. During April, decisions on what tools support the SSP controls are still being decided on	of the SSP is scheduled to be published August 15th , 2023, and the final SSP (ready for federal partner review) is scheduled for September 15, 2023. The	III BE3. OF EN - Collaborate and communicate with SSP authors about when assessment. reliable and correct documentation will be available COMPLETE.				by the ASI and sent to DHS for final editing and approval. The availability of DHS resources to complete the policy work remains an IV&V concern.		SSA accepted DHS pla for training in Sept 9
			Implementation statements are currently being written from the perspective	SSP is a large technical document with hundreds of controls and control	Determine when the infrastructure design baseline will be completed.				11/27/2024—In November, the ASI - Completed three policies for DHS and		meeting, so this
			of how the system should be designed from the SSP author's perspective	enhancements, and each one requires an implementation statement of how	(06/30/2024) - Perform a full review of all draft SSP controls for content				turned them over to DHS for the editing and approval process Continued		should be reflected in
			instead of how the system is actually designed. The SSP authors need to know and use documentation such as System Architecture and Design,	the control or enhancement has been met.	and accuracy prior to the start of the Independent Security Controls				to update the implementation statements in the main body of the System		September report.
			know and use documentation such as System Architecture and Design, network topology, dataflow, ports and protocols, tools used for logging, etc.		Assessment of BES and submission of the SSP package to federal regulators. This will allow the SSP authors to update controls with changes from Design				Security Plan Began patching of "Spring Boot" in lower environments. As		Also, need to determine what
					This will allow the SSP authors to update controls with changes from Design through Implementation. (9/26/2024) - Begin monthly Plan of Action and				the patch reaches the production environment, it is expected to remediate many critical and high-finding POAMs. Additionally, DHS received the final		determine what resources will be used
									report from the SSA on their assessment earlier this year. 10/31/2024 - In		and final process for
					Milestone update meetings between DHS Security and the ASI Security				October, the ASI continued to work on rewriting the implementation		addressing the missin
					Milestone update meetings between DHS Security and the ASI Security teams to inform each other of progress and updates made against each				octool, the sol continued to work on rearring the imperiation		
					Milestone update meetings between DHS Security and the ASI Security				statements for the BES System Security Plan (SSP). The ASI completed		documentation. Might
					Milestone update meetings between DHS Security and the ASI Security teams to inform each other of progress and updates made against each				statements for the BES System Security Plan (SSP). The ASI completed rewrites of implementation statements of five of twenty control families in		want to have a risk fo
					Milestone update meetings between DHS Security and the ASI Security teams to inform each other of progress and updates made against each				statements for the BES System Security Plan (SSP). The ASI completed		
					Milestone update meetings between DHS Security and the ASI Security teams to inform each other of progress and updates made against each				statements for the BES system Security Plan (SSP). The ASI completed rewrites of implementation statements of five of twenty control families in the main body of the SSP. The ASI has completed the basic infrastructure for the Secure Enclave, however, there is confusion about what has been completed in the Scarce Enclave and when it will be done. Applications that		want to have a risk fo gap in Security suppo
					Milestone update meetings between DHS Security and the ASI Security teams to inform each other of progress and updates made against each				statements for the BES system Security Plan (SSP). The A3 completed rewrites of implementation statements of five of twenty control families in the main body of the SSP. The A3h has completed the basic infrastructure for the Secure Factors, however, there is contation about what has been completed in the Secure Enclaves and when it will be done. Applications that need to work within the Secure Enclave must be configured to work within		want to have a risk fo gap in Security suppo from DHS since Jack
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