

Informational Update

DC13007 - Offender Management System (OMS) AIMS Replacement Department of Corrections

<u>Project Health</u>		<u>Current:</u>	
Total Development Budget:	YELLOW	Agency Reported Spend to Date:	\$25,580,258.36
Project Scope	RED	End Date:	02/29/2020
Project End Date	RED		

SUMMARY: 10/16/2019

The Arizona Department of Corrections (ADC) project DC13007- Offender Management System (OMS) AIMS Replacement has been active in development since August 2014. The project's total development cost is approved at \$30,877,237.

The Arizona Strategic Enterprise Technology (ASET) office has provided additional resources to partner with ADC and provide guidance on this project. ASET assistance included Executive level assistance to act as an arbitrator on Change Requests, multiple advisors to review ADC and B&D practices, and ASET has an employee working full time at ADC.

This month's ITAC packet includes: the most recent IVV report, and the current weekly status tracking as reported by ADC. Overall, the progress of the project continues to trend upward. In the first week of October, ADC reported a record number of reports (13) had passed UAT and were accepted by ADC as complete. This is significantly better than previous weeks, but falls short of the average number of reports needed weekly (16) moving forward to achieve success, as defined in the project timeline. A plan is in place to increase velocity but continues to produce numbers that will not close the necessary gap for project success. ADC continues to push forward with project scheduled milestones despite missing defined criteria to do so. ADC previously reported that 18 reports were required for End to End Testing to begin. Currently, ASET is considering: the project end date red due to missing key deliverables previously defined as necessary to enter current and upcoming phases (E2E & Pilot) without completing these deliverables. The project scope is being considered red due to missing required deliverables and making the decision to continue forward with the project schedule without completing all defined deliverables. Project cost is yellow as it is considered at risk based on the status of the current scope and end date of the project.

October 11 2019, ADC will be making the decision to enter Pilot phase of the project on October 18 2019. On October 16 2019, ITAC will have the opportunity to review the decision made and criteria with ADC.

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Weekly Reporting:

Bug Fixes and User Acceptance -

- An average of 49 new bugs have been found each week since 6/21/19; the week of 10/4 resulted in 60 new bugs being found.
- A decrease in the number of total bugs reported last month (258) to this month (157) shows continued progress being made, despite the spike in reported bugs this week.
- The number of high bugs has decreased significantly over the past month from 106 to 71. In the same timespan a critical bug was reported this month that was not present last month. The committee can ask for information related to this critical bug at the October ITAC meeting.

Report Development and Acceptance -

- On 09/13/2019, ADC reported they have met with B&D to discuss the 18 reports required for End-to_End and determined they will have the final 8 reports available for End-to_End testing within two weeks. On 10/04/2019 ADC reported that all 18 reports required for End to End testing were delivered and accepted.
- As of 09/06/2019 ADC has accepted 31 reports as passing UAT; however the goal for stage in the project timeline is 105. Reports remains behind; however, recent changes implemented have demonstrated the ability to increase delivery of reports to ADC. ASET has concern that B&D is delivering on the total number of reports behind the projected schedule originally presented with the Change Request approved in June 2019. In accordance with the schedule submitted, B&D should have delivered all reports to begin testing by 9/9/2019.
- A change in number of reports due was made over the past month with the original baseline set for 135 reports to be accepted by 10/04/2019 and the full 157 reports to be accepted by 10/18/2019. The change in number has 60 reports due by 10/4/2019, of which 59 were completed, and the full 157 not due until; 11/29/2019 the week of go-live. The committee can ask for information related to this rebaseline at the October ITAC meeting.
- Of the 157 reports, 73 are required for Pilot. On 10/4/2019 ADC reported that 43 of the 73 have been accepted.
- An average of 16 reports need to be accepted each week moving forward in order to meet the 157 requirements for go-live. The week of 10/4/2019 ADC achieved the best result to date with 13 reports being accepted.

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Module Development -

- The AIMS2 system is comprised of 40 modules. The modules are all in testing in what is classified as Phase 1. Moving to Phase 2 (End to End Testing) requires the Phase 1 testing pass 85% of scripts with no high or critical bugs. A module can be moved down from Phase 2 if a high or critical bug is found in testing.
- As of 09/06/2019 the number of Modules in Phase 2 is 27, which is the same as the reporting of 08/09/2019. ADC believes they can allow End-to-End testing to begin even if a Module is not currently in Phase 2, but has previously met the Phase 2 criteria.
- As of 10/04/2019 the number of Modules in Phase 2 remains at 27, with no change since the week of 09/06/2019. On 10/04/2019 ADC reported that module readiness has been improving to a greater degree than is evident from the move in the module Phase 2 numbers as several modules are close to the required 85% pass criteria.
- Original project goal stated that all 27 of these were required to be in Phase 2 for End 2 End testing to begin, 13 remain in Phase 1 with End 2 End testing beginning the week of 09/17/2019. Moving to Pilot requires all 40 modules to be in Phase 2 in order to perform a full scope pilot.

Change Request Development -

- CR-75 Protective Custody Level 3 offenses is handed off to ADC early. This is a positive development. It is now in active testing by ADC.

Interface Development -

- The AIMS2 project includes 30 interfaces, 29 of the interfaces have been initially accepted by ADC, an increase of 4 since 09/06/2019 with 9 of them being formally accepted, an increase from 0 since 09/06/2019.
- Interfaces required for end-to-end testing are scripted and generally ready for that step, except Keefe Inmate Trust and Centurion. Those two interfaces will need a little more time but are on trajectory for being completed in time to be tested during the end-to-end testing window that ends 10/18.
- Centurion interface has some remaining bugs (4). ADC will closely work with Centurion to resolve remaining bugs in the next couple of weeks.
- Inmate Trust is not ready for E2E testing on schedule. B&D VP John Vitale will be on site the week of 9/9 to help ADC work through remaining issues. The committee can ask for information related to this effort at the October ITAC meeting.