

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:	\$25,822,411.55
Project Scope	RED	End Date:	02/29/2020
Project End Date	YELLOW		

SUMMARY: 11/14/2019

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 months 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 month passed since October ITAC, ADC reported 39 reports had passed UAT and were accepted by ADC as complete. This, along with an additional 10 reports being removed from go-live scope, resulted in an average number of reports of 12.25 per week in the last 4 reported weeks. With 114 reports accepted (as of 11/8) and the reduction in total reports from 157 to 147; ADC has 33 reports to complete by 11/29; an average of 11 per week. The plan to increase velocity, and the removal of 10 reports, makes the remaining scope of work related to accepted reports for go-live attainable. B&D has completed dev on 144 of 147 reports and delivered to ADC for testing and acceptance. ADC has displayed a strong desire to push forward with project scheduled milestones, despite missing pre-defined criteria to do so. Currently, ASET is considering: the project end date as yellow, a change from red reported last month, due to ADC's decision to continue along the project timeline regardless of meeting pre-determined milestones. The project scope is being considered red due to: continued removal of pre-defined milestones required for project success. Project cost is yellow as it is considered at risk based on the status of the current scope and end date of the project.

December 1st 2019, ADC will be making the final "go" decision to enter operational use of the new system. ITAC will have the opportunity to review the decision made and criteria with ADC at the November ITAC.



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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.
- Last month ADC reported a decrease in the number of total bugs reported in September (258) to October (157). Since last ITAC, ADC reported the following number of new bugs going from 157 to 295. The number of high bugs has increased significantly since the October ITAC. ADC has reported the the two critical bugs remain as of 11/8. The committee can ask for information related to this critical bug at the October ITAC meeting. Total number of bugs claimed resolved by B&D is 154, as of 11/8, most waiting for ADC to retest prior to acceptance of being resolved.
- The reported number of new bugs, while alarming, was to be expected as ADC entered pilot on 11/16

Report Development and Acceptance -

- As of 11/8/2019, ADC has reported they have accepted 18, of the previously reported 18, reports required for E2E testing and 66 of the 66 reports required for pilot have been accepted.
- As of 11/8/2019 ADC has accepted 114 reports as passing UAT; however the goal for stage in the project timeline is 125. 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. As previously stated in the document above, B&D has 3 undelivered reports and 10 reports were removed from go-live scope.
- 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.
- ADC previously reported that of the 157 reports, 73 were required for Pilot. On 10/4/2019 ADC reported that 43 of the 73 have been accepted. The week of 10/4/2019 that requirement changed from 73 to 67, and again changed the following week to 66 reports being required for pilot. On 11/8 ADC reported 66 of 66 reports required for pilot as completed. The committee will have the opportunity to ask ADC about these changes at the November ITAC.

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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 10/18 ADC had reported 32 of the 40 modules were in Phase 2. As of 11/8, ADC is reporting that only 24 of the 40 remained in Phase 2; a regression of 8.
- 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.
- On 10/16, ADC made the decision to enter pilot without all 40 modules successfully moving to Phase 2.

Change Request Development -

- CR-75 was formally accepted by ADC on 11/6. This CR focused on improvements to Sentence Calculation functionality.
 - Two of the four high-severity sentence calculation bugs remain and targeted to be fixed by 11/15. The committee will have an opportunity to receive an update on this at the November ITAC meeting.

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.
- Of the 30 Interfaces, 26 are required for go-live. On 11/8 ADC reported that 22 have been accepted, 4 have bugs that need to be resolved for acceptance prior to go-live. The additional four reports are used for reporting. They also have some issue and ADC has determined they can be deployed post go-live; however ADC has not identified a date for these interfaces to go-live.