CNP WEB REPLACEMENT PROJECT



ITAC PRESENTATION September 18, 2019

CNP WEB REPLACEMENT - PURPOSE



Seeking ITAC approval to replace the <u>outdated</u>, <u>unsupported</u>, and <u>functionally ineffective</u> Health & Nutrition seven Program area system, with a <u>full Federally funded</u> Vendor hosted platform solution, which would provide <u>transparency and efficiency</u> in overall system processing, <u>claims reimbursements and payments</u>, <u>reporting</u>, and <u>Federal program compliance</u>

OVERVIEW – CNP WEB REPLACEMENT PROJECT

The Health and Nutrition Services Division is committed to enhancing the health and well-being of Arizona's children and adults by providing access to a variety of federally funded programs

We serve 19.1 million children and adult meals and snacks monthly in Arizona and our schools are reimbursed a total of \$42,628,473 for those meals.

Child and Adult Nutrition Programs

NSLP – National School Lunch Program

SBP – School Breakfast Program

ASCSP – Afterschool Care Snack Program

USDA – My Foods Program

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CACFP – Child and Adult Care Food Program

SFS – Summer Food Service

SMP – Special Milk Program

CNP WEB – HISTORICAL PROGRAM INFO

 ADE Child and Nutrition Program was built on a Windows platform in 1998 by Norimek

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- In 2003, ADE Health & Nutrition IT Team assumed development and support for the application
- By 2012, the platform technology had become antiquated and unsupported by Microsoft
- Current system can no longer sustain new development; today, in Support & Maintenance mode

CURRENT PROGRAM CHALLENGES

Inability to review entity or participant operation aspects of the Child & Adult Nutrition Programs

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- Lack of comprehensive data to organize and provide accurate reports
- Federal reporting is erroneous and requires manual reconciliation
- ✓ Application process requires multiple submissions and forms
- Current system cannot provide data analytics, requires manual queries
- Critical financial data is housed in more than 25 separate locations and databases
- Limited data sharing among the multiple program areas creates reporting burdens

THE SOLUTION

The Agency seeks to acquire:

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A customized Nutrition Program information and claiming system

Seamlessly integrate with the existent Nutrition Programs

Provide a more effective and efficient solution to the technological and procedural challenges currently facing the users of the existent system

THE RFP PROCESS

- RFP was published on May 1, 2019 and closed June 2, 2019
- Procurement received five Vendor responses, one of which did not include pricing
- An Evaluation Committee was appointed with representation from the HNS Program and ADE IT areas

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- After a thorough point-based evaluation cycle, the two most qualified Vendors were invited to provide live system demonstrations in early July
- Post demonstrations, Best and Final Offers including questionnaires were provided to the Vendors
- Final evaluation ensued and a contingent Award was made to Colyar Technologies in late July

VENDOR COLYAR TECHNOLOGY SOLUTIONS

- Colyar Technologies founded in 1994 with HQ in Scottsdale, AZ
- Leading provider of software facilitating management of USDA Child Nutrition & Food Distribution Programs
- Programs collectively administer \$20 billion annually to provide healthy meals
- Clients represent 25 states & 30 agencies, processing over \$9 billion in claims reimbursements annually
- Provides platform independent, web-based solutions to manage application, claims, payment and compliance processes between School Districts, States and USDA

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- Automation of quarterly and annual service reports as required by Federal law
- Provides assistance in audits based in guidelines of USDA
- Provides visibility to fraud
- Enables access to historical statistical data and reporting

ADE INTEGRATION PROCESS

Integration with ADE: 2,612 Hours Cost: \$293,530



- Meets all Program application area requirements for seven Health & Nutrition programs
- Fulfills workflow review tracking and deficiencies resolution for all programs
- Tracks and processes all reimbursement claims
- Distributes all reimbursements, advances payments, and manages accounting and reporting activities
- Report building and data extracts meeting all Federal and State guidelines
- Can integrates with ADEConnect and single sign-on portal with advanced Security measures
- Web-based access by End Users with current and future anticipated workload HNS data system accommodation

TIMELINE-MILESTONES

Project Initiation/Kick Off 10/01/2019 - 10/08/2019

- ✔ Planning (project plan, communication plan, risk management plan, client meeting) 10/15/2019 10/29/2019
- ✔ Business & Technical Requirements (requirements development and approval) 11/05/2019 12/20/2019
- Design High Level 1/6/2020 1/24/2020
- ✔ Detailed Design (Functional & IT Requirement Specifications) 1/27/2020 5/1/2020
- ✔ Development: Phase I Applications 5/4/2020 7/10/2020
- ✔ Development: Phase 2 Claims 7/13/2020 9/4/2020
- ✔ Development: Phase 3 Reports 9/8/2020 10/30/2020
- ✔ Development: Phase 4 Integration 11/2/2020 12/18/2020
- ✓ Develop Training Program (curriculum, media) 12/21/2020 2/5/2021
- ✔ Testing: Develop & Refine Test Cases 2/8/2021 2/19/2021
- ✓ Testing: User Acceptance Testing 2/22/2021 6/4/2021
- ✓ Deployment/Implementation 6/14/2021 7/19/2021
- Production Acceptance 7/19/2021 8/9/2021

22 Month Customization & Integration Project with Colyar Technologies

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FINANCIAL BREAKDOWN

Five year project total = \$3,015,698 Federal Funding

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	1st Year	2nd Year	3rd Year	4th Year	5th Year
Colyar Technology	¢1 150 400	\$246,000	\$256 200	\$267,000	\$278,000
Solutions Costs	\$1,150,400	\$346,000	\$356,300	\$367,000	\$378,000
Sales Tax		\$29,756	\$30,642	\$31,562	\$32,508
ADE Integration					
Development	\$195,690	\$97,840	\$0	\$0	\$0
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Total:	\$1,346,090	\$473,596	\$386,942	\$398,562	\$410,508

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BENEFITS OF SYSTEM REPLACEMENT

Operational efficiencies would be realized through the accurate accumulation of data, which would
provide the Health and Nutrition Services department and the Department of Education with more
comprehensive information to directly assess and provide benefit to program recipients in need of
services

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- Federal reporting processes would be automated, eliminating manual reconciliation and human error
- The program application process would be standardized and streamlined
- The need for multiple system data queries would be eliminated and the new system would provide a data analytics feature
- Data consistency, collection, storage and reporting features would be centralized and automated
- A technologically updated system would be more efficient and effective in serving the needs of these programs and be fully supported

PROJECTED SUCCESSES



- The new system would provide the ability for the Arizona Department of Education and Health and Nutrition Services to obtain adequate, comprehensive program information for review including claims and payments.
- The new system would automate data queries, increase output speeds, and eliminate the need for multiple stand-alone systems and databases.
- A standardized, streamlined application format and process would be created which would eliminate the need to duplicate data across numerous program areas.

CNP WEB REPLACEMENT





eLicensing System Implementation

September 18, 2019

Information Technology Authorization Committee (ITAC)

Arizona Department of Health Services

Colby Bower | Assistant Director



Agenda

- Medical Marijuana Program Overview
- Senate Bill 1494 Requirements
- Card Registry Operation Pictures
- Facility License Issues With Current System
- Selection Process
- Recommended Solution
- Project Approach
- Timeline
- Financials
- Questions



Medical Marijuana Program Overview

Program Funding

- No financial impact to the state budget
- Monies do not require appropriation
- Self funded program

Licensees

- Cardholders
 - Qualifying Patients: 205,609
 - Designated Caregivers: 746
 - Dispensary Agents: 6,383
- Facilities
 - Dispensaries: 130
 - Cultivation Sites: 91
 - Kitchens: 37

As of July 31, 2019



Senate Bill 1494 System Requirements

August 27, 2019 (completed)

- Cards and facilities changed from a 1-year to a 2-year license period
- New license types: Testing Labs and Lab Agents

December 1, 2019

- Electronic cards and licenses
- Electronic initial and renewal applications for individuals and facilities



Card Registry Operation Pictures





Card printing operations \$1 – 1.5 Million annually



Card Registry Operation Pictures





Card printers and returned mail



Facility License Issues With Current System

- All initial and renewal applications are a paper process
- No comprehensive system to meet program needs



Selection Process

- Distributed Statement of Work to Authorized Salesforce Integrators
- Reviewed 3 Proposals
- Selected based upon:
 - Ability to meet all business requirements
 - Ability to adapt to future technology and industry changes
 - Ability to integrate and automate processes
 - AZ Enterprise Solution
 - Approach
 - Timeline
 - Cost



Recommended Solution

- Salesforce Licensing Platform
- Slalom Solutions Integrator

Slalom Approach

Statute Compliance

- Comply with the current statute that mandates electronic ID cards by 12/1/2019
- Implement a configurable and customizable web-based, mobilefriendly solution

Design a Robust Application

- Increase efficiency and decrease error rates and downtime
- Provide enhanced searching and reporting capabilities
- Utilize a platform and solution that is flexible and can adapt to future regulation and policy changes

Grow and Expand Licensing

- Improve availability, reliability, accuracy, efficiency, security, backup and recovery procedures
- Establish a strong foundation to support further expansion in the future



Financials

	Year 1	Year 2	Year 3	Year 4	Year 5
Development	\$5,622,287	0	0	0	0
Operational	0	3,432,044	3,432,044	3,432,044	3,432,044
TOTALS	\$5,622,287	3,432,044	3,432,044	3,432,044	3,432,044



Questions?





August Status

AZ Department of Corrections AIMS2 Program 2019

2019-09-11

AIMS2 Monthly Report

1/15

Agenda

- Program overview
 - Snapshot
 - Trajectory
- Concerns and countermeasures
- Schedule
 - Highlights
 - Progress against remaining work

- Work streams
 - 1. User Acceptance Testing
 - 2. Report development and acceptance
 - 3. Change requests
 - 4. Training
- Key wins since August 29
- Financials
- Q&A



Program overview

- 1. Arizona Inmate Management System Replacement (AIMS2) is an **allencompassing offender management system** that replaces a 1986 mainframe program. The new AIMS2 is a modern, relational database, customized-for-ADC system.
- 2. Originally awarded as a fixed-fee proposal from B&D in 2014, the program's **duration and cost have significantly increased** as the understood gap between state requirements and off-the-shelf system capabilities has grown.
- 3. The **system scope is large**, covering all aspects of inmate management: including sentence calculation and 39 other aspects of inmate management (defined as "modules"). The system includes 30 interfaces, 149 reports, and data migration of over 300,000 inmate records.



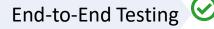
Program Snapshot

Current Focus

- Begin End-to-End testing of all modules and interfaces
- Test, debug, and accept delivered reports
- Test, debug, and accept CR-75, allowing the sentence calculation module to move to Phase 2
- Prepare for pilot and go-live
- Train users so they are ready to pilot and adopt AIMS2



Project Trajectory



- "Go" decision reached, will begin 9/16
- System functionality has reached the level needed to support realistic scenario testing
- ✓ Final change delivered
- Required 18 reports on track for delivery slightly late with minimal impacts
- ✓ Schedule ahead is aggressive, but feasible
- Role integration testing ("rehearsal" for end-to-end) very successful

 "Go/No-Go" decision scheduled by Oct 11

Perryville Pilot

 \checkmark

- Will system functionality and Ops be ready real-life comparison to AIMS1?
- Are users trained and ready and is support in place for pilot?
- □ Are all Change Requests fully operational?
- □ Are the required reports and interfaces ready?
- Are any remaining risks acceptably mitigated?

- State-wide Go Live
- "Go/No-Go" decision scheduled by Nov 15
- Are users trained and ready to rely on the new system?
- Do show-stopping bugs remain?
- □ Is data migration ready for final migration?
- □ Is the support for state-wide usage in place?

2019-09-11

AIMS2 Monthly Report



Concerns & Countermeasures

Deal with remaining bugs

Continue Root Cause Analysis sessions

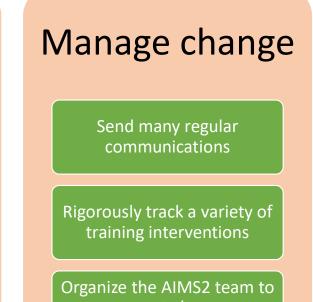
Bug retesting will continue up to Go Live date

May need to be prepared for high bugs to not be at zero

Reports delivery behind schedule

Prioritize reports starting with 18 required for E2E testing, followed by 28 required for pilot

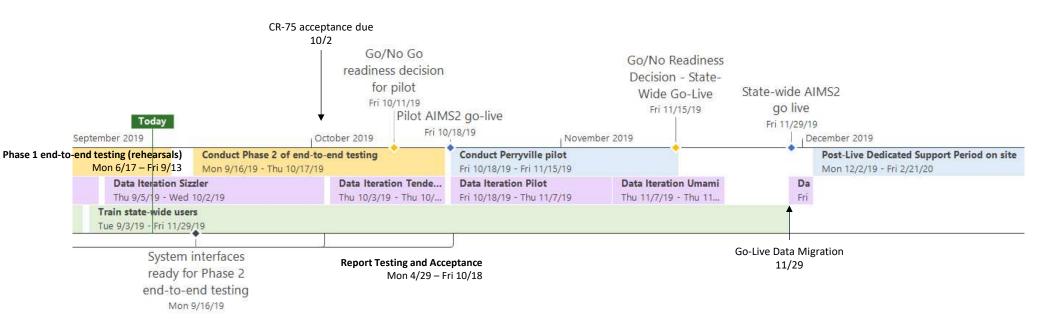
Get more on-site time with B&D



support change management

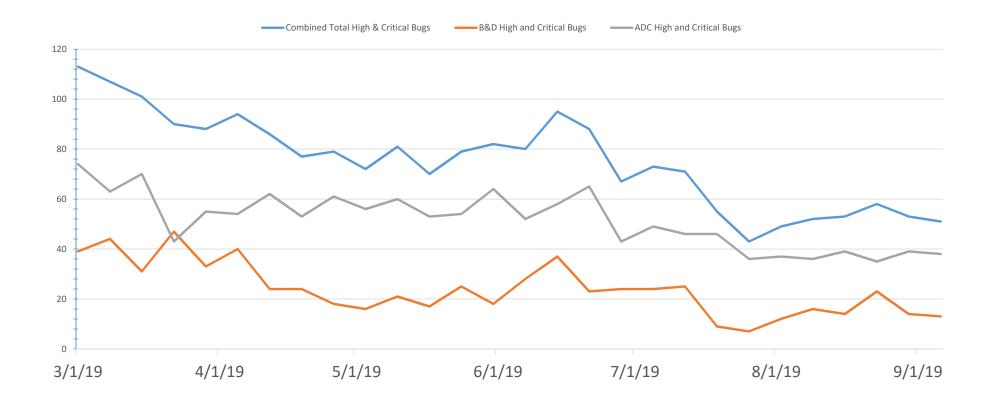


Schedule Highlights





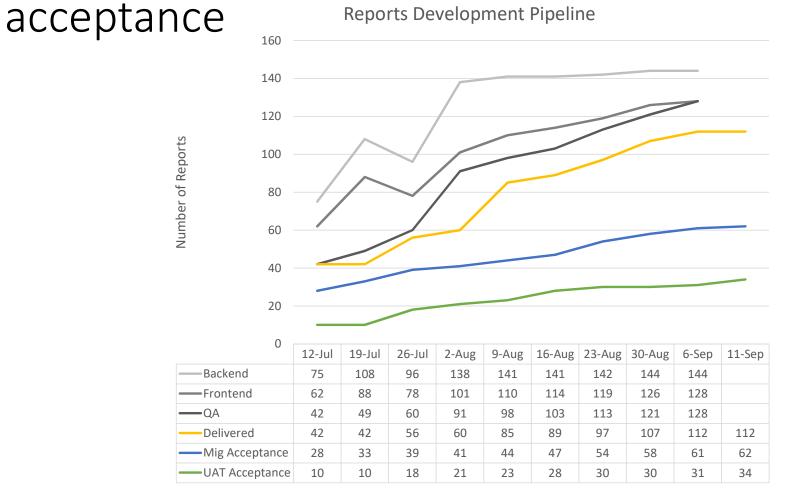
Work Stream 1: Critical & High UAT Bugs



AIMS2 Monthly Report

ADC

Work Stream 2: Report development &



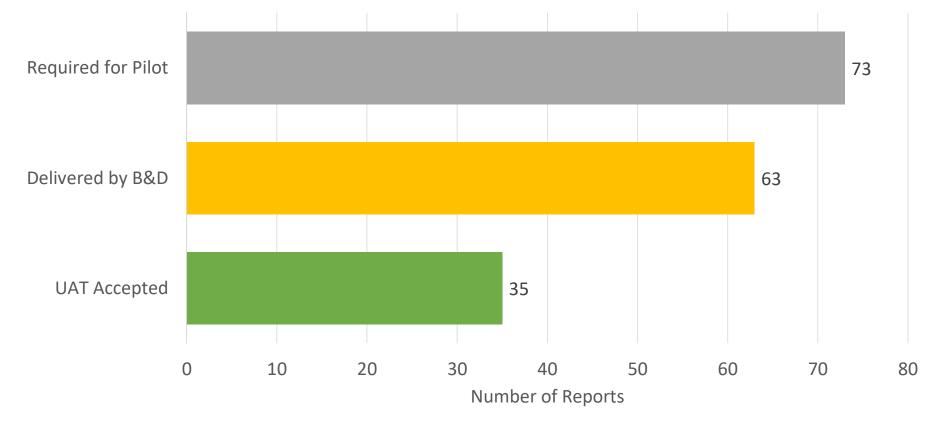
2019-09-11

AIMS2 Monthly Report

9/15



Acceptance of AIMS2 Reports Required for Pilot



2019-09-11

AIMS2 Monthly Report

10/15



Work Stream 3: Change requests

				Тос	day		
May '19	Jun '19	Jul '19	Aug '19	Sep '19		Oct '19	Nov '19
	CR-67–29663-SED not limiting Thu 5/16/19 - Fri 7/26/19	g the TR 🔗 🖄				ase 2 of end-to-end 9 - Thu 10/17/19	Conduct Perryville pilot Fri 10/18/19 - Fri 11/15/19
CR-68-33008-Final Mon 4/29/19 - Tue 7/		o longer needed as CR					
CR-69-31026-Transi Mon 4/29/19 - Mon 8	ition Minor Discipline 3/5/19	\bigcirc \swarrow				LEGEND	
CR-70-35357-Sentence Element Screen - DC to Probation Of Mon 4/29/19 - Tue 7/2/19				Testing not yet passTesting passed		not yet passed	
CR-71-35657-Sentence Element Screen - Weapon Type Tue 4/30/19 - Mon 7/1/19						bassed	
CR-72-35358-Sentence Element Screen - Injury Injury Mon 4/29/19 - Tue 7/2/19 Image: Comparison of the sentence of					Justification not yet sent		
CR-73-35659-Senter Mon 4/29/19 - Mon 7	nce Element Screen - Probatio 7/1/19	n Revocation					
CR-74-35898-Releas Mon 4/29/19 - Mon 7						Justifica ⁻	tion sent to ASET
	CR-75-32085-PCIII overlapping consecutive Sentences Mon 4/29/19 - Wed 10/2/19		Delivered, bug	s being fixed	\odot		
	CR-76-36066-Prior Ad Thu 5/23/19 - Wed 8/28		\oslash				
CR-77-36574-UC-IR-1.3 Facilitator Drop Down needs to display all Al Thu 5/23/19 - Mon 7/29/19			y all Al 🔗 🖄				
		539-Visitation 9 - Tue 8/20/19					
	CR-79-36224-CL UC I Fri 5/24/19 - Fri 8/9/19	Discipline scoring Level 4					



Work Stream 4: Training

- Scope
 - 44 total training courses
 - 18 computer based training, 22 instructor-led training
- Successes
 - Plans and initial communications completed
 - Organized training officers at complexes
 - Rolling out first CBTs
 - 1,657 users trained during first two days

- Upcoming Milestones
 - All CBTs rolled out: 10/13
 - All Instructor Led Training delivered: 11/20



Key Wins Since August 28

First CBT courses available to all users	scripts co	ace test ompleted, for E2E	pro	gre	nued ss on g bugs	testing i improve	tegration resulted in ements for users
reporti	ew AIMS2 ng using ugin	Allen a	system to entative nd ADC utives	D	change and fully	ed final request accepted thers	



Financials: Budget Allocation Detail 2019-08-31

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
Systems Integrator Costs	Expended	Expended	Expended	Expended	Expended	Estimate	Total	
Business & Decision	\$4,407,382	\$2,481,785	\$3,456,740	\$624,761	\$0	\$2,225,239	\$13,195,908	1
Change Requests	\$0	\$0	\$70,980	. ,	\$1,056,374	\$1,948,974	\$3,540,175	
Bond	\$273,189	\$273,189	\$273,189	\$297,189	\$268,505	\$134,300	\$1,519,561	
FY 15 to FY 17 Database License/Hosting &	<i>\(\L,\0)\105</i>	<i>\$270,200</i>	<i>\</i> 270,200	<i>\\</i> 257,1205	<i>\$200,000</i>	<i>q</i> 10 ()000	<i><i><i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₂,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>₁,<i>v</i>,<i>v</i>₁,<i>v</i></i></i>	
Sales Tax	\$1,330,307	\$495,840	\$495,840	\$467,844	\$0	\$0	\$2,789,830	Equipment (E.
FY 18 & FY 19 & FY 20 Database	+_,,-	+,	+	+,		+-	,,	Caching)
License/Hosting	\$0	\$0	\$0	\$0	\$0	\$935,688	\$935,688	Unidentifie
Maintenance/Ongoing Support	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000	Signature P
Total Systems Integrator Costs	\$6.010.879	\$3.250.813	\$4.296.749	\$1,853,641	\$1.824.879	\$5.244.201	\$22,481,162	Monitors
		1-, -,	. ,, -	. ,,-	. ,- ,	1-7 7 -		Shagit Licen
Other Contractor Costs								TelTech - fil
PCG	\$99,570	\$248,925	\$199,140	\$199,140	\$105,450	\$105,450	\$957,675	Iron Mount
Total Other Contractor Costs	\$99,570	\$248,925	\$199,140	\$199,140	\$105,450	\$105,450	\$957,675	QlikView Se
								BI Reportin Services
Automation with Partners								
IBM Messaging Queue (MQ) - Professional								Cisco Syster Component
Services	\$0	\$11,243	\$28,323	\$420	\$0	\$0	\$39,986	F5 Network
IBM Messaging Queue (MQ) - Annual								Red Rock N
Maintenance Agreement	\$42,504	\$11,251	\$0	\$11,032	\$0	\$24,000	\$88,787	Infrastructu
IBM WebSphere License	\$121,018	\$0	\$0	\$0	\$0	\$0	\$121,018	iMACPRO L
SPAN Publishing - Law Database	\$0	\$0	\$2,500	\$2,500	\$0	\$5,500	\$10,500	Tot
RiskSense - Final Penetration Test	\$0	\$0	\$14,500	\$0	\$0	\$14,500	\$29,000	100
JWI Interface Customization	\$0	\$0	\$0	\$0	\$0	\$48,500	\$48,500	Contingency @
Total Automation with Partners	\$163,522	\$22,493	\$45,323	\$13,952	\$0	\$92,500	\$337,791	Tot
Dedicated Staff And Training								
Training - Travel Expenditures	\$0	\$0	\$47,401	\$89,959	\$86,951	\$45,000	\$269,310	l l
Subtotal Training Costs	\$0	\$0	\$47,401	\$89,959	\$86,951	\$45,000	\$269,310	FUND SOURCE
								General Fur
State Employees								IGA/ISA Fur
Core Project Team	\$78,205	\$450,433	\$497,764	\$560,079	\$428,624	\$217,100	\$2,232,205	Inmate Stor
Adjunct Project Team (SME's)	\$0	\$0	\$0	\$244,761	\$221,640	\$132,100	\$598,501	(2505)
Subtotal State Employees	\$78,205	\$450,433	\$497,764	\$804,840	\$650,265	\$349,200	\$2,830,707	
Contractors								Indirect Cos
B&D - Business Analyst	\$0	\$97,860	\$36,575	\$0	\$0	\$0	\$134,435	TOTAL
B&D - Data Architect/Application	ŶŬ	<i>\$57,</i> 000	<i>\$30,575</i>	ψŪ	ψŪ	ψŪ	<i><i>v</i>104,400</i>	
Integration Specialist	\$0	\$177,900	\$189,660	\$19,000	\$0	\$0	\$386,560	I.
B&D - Business Analyst - testing interns	\$0	\$0	\$21,088	\$80,353	\$0	\$0	\$101,441	
Know Svcs/Guidesoft - test script writers,	φ¢	φo	<i><i><i><i></i></i></i></i>	<i><i><i>ϕ</i>𝔅𝔅𝔅𝔅𝔅𝔅𝔅𝔅𝔅</i></i>	φo	φo	<i>v</i> =	
testers, test admin	\$0	\$0	\$336,771	\$557,452	\$456,798	\$326,500	\$1,677,521	
Kforce	\$10,758	\$14,600	\$0\$¢	\$0	\$0	\$0	\$25,358	
Subtotal Contractors	\$10,758	\$290,360	\$584,094	\$656,805	\$456,798	\$326,500	\$2,325,315	
Total Dedicated Staff And Training							\$5,425,332	

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	T 1
	Expended	Expended	Expended	Expended	Expended	Estimate	Total
Equipment (E.G. Pcs, Web							
Caching)							
Unidentified	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Signature Pads	\$0	\$0	\$88,943	\$0	\$0	\$0	\$88,943
Monitors	\$0	\$0	\$8,547	\$0	\$0	\$0	\$8,547
Snagit License	\$0	\$682	\$0	\$186	\$0	\$400	\$1,268
TelTech - fiber install	\$0	\$1,212	\$0	\$0	\$0	\$0	\$1,212
Iron Mountain	\$8,400	\$1,925	\$2,000	\$2,000	\$2,100	\$5,500	\$21,925
QlikView Server and License	\$31,104	\$11,128	\$0	\$0	\$13,352	\$13,000	\$68,584
BI Reporting Professional		4					
Services	\$0	\$105,050	\$0	\$0	\$0	\$0	\$105,050
Cisco Systems 10GB							
Components	\$0	\$3,096	\$0	\$0	\$0	\$0	\$3,096
F5 Network Server Load	\$0	\$504,284	\$189,893	\$163,946	\$132,921	\$143,000	\$1,134,044
Red Rock Network							
Infrastructure Upgrades	\$0	\$0	\$4,825	\$0	\$0	\$0	\$4,825
iMACPRO License	\$0	\$0	\$0	\$331	\$0	\$660	\$991
Total Equipment	\$39,504	\$627,377	\$294,209	\$166,463	\$148,373	\$162,560	\$1,438,487
Contingency @ 15%	\$0	\$0	\$0	\$0	\$0	\$236,790	\$236,790
Total Contingency	\$0	\$0	\$0	\$0	\$0	\$236,790	\$236,790
GRAND TOTAL	\$6,402,438	\$4,890,402	\$5,964,680	\$3,784,800	\$3,272,716	\$6,562,201	\$30,877,237
FUND SOURCE							
General Fund (1000)	\$0	\$0	\$0	\$876.551	\$3.326.718	\$673.968	\$4,877,237
IGA/ISA Fund (2500)	\$6,402,438	\$4.890.402	\$5,964,680	\$2,908,249	(\$54,002)	\$3,888,233	\$24,000,000
Inmate Store Proceeds Fund	, , , , , , , , , , , , , , , , , , , ,	. ,		. ,,	(, =)===)	,,	
(2505)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Cost Fund (9000)	\$0	\$0	\$0	\$0	\$0	\$2.000.000	\$2,000,000
TOTAL	\$6.402.438	\$4.890.402	\$5.964.680	\$3,784,800	\$3.272.716	\$6.562.201	\$30,877,237



Questions & Answers

AIMS2 Monthly Report

15/15

Presentation to ITAC



Our Vision

Children thrive in family environments free from abuse and neglect.

Our Mission

Successfully engage children and families to ensure safety, strengthen families, and achieve permanency.

GUARDIAN

(CHILDS Replacement Program) State of Arizona – Department of Child Safety

Sept 18, 2019 Status Through: September 06, 2019



Agenda

- Program Summary and Snapshot
- Program Roadmap
- Program Summary by Component
- Total Program Dashboard
- Program Burndown
- Program Dashboard by Iteration
- Risks, Issues, Action Items Dashboard
- Current Development Estimate at Complete by Fiscal Year
- Current Financial Position



Program Snapshot

Current focus of the program:

- Increase the velocity of Solution Modeling + Design (Stage 50) in preparation for development
- Iteration 7-8 Testing (Stage 74)
- Iteration 9 Build (Stage 53)
- Iteration 10 Solution Modeling + Design (Stage 50)
- Iteration 11 Business Analysis review (Stage 20)
- Updates to Guardian Enterprise Architecture regarding OnBase and DocuSign

What's next:

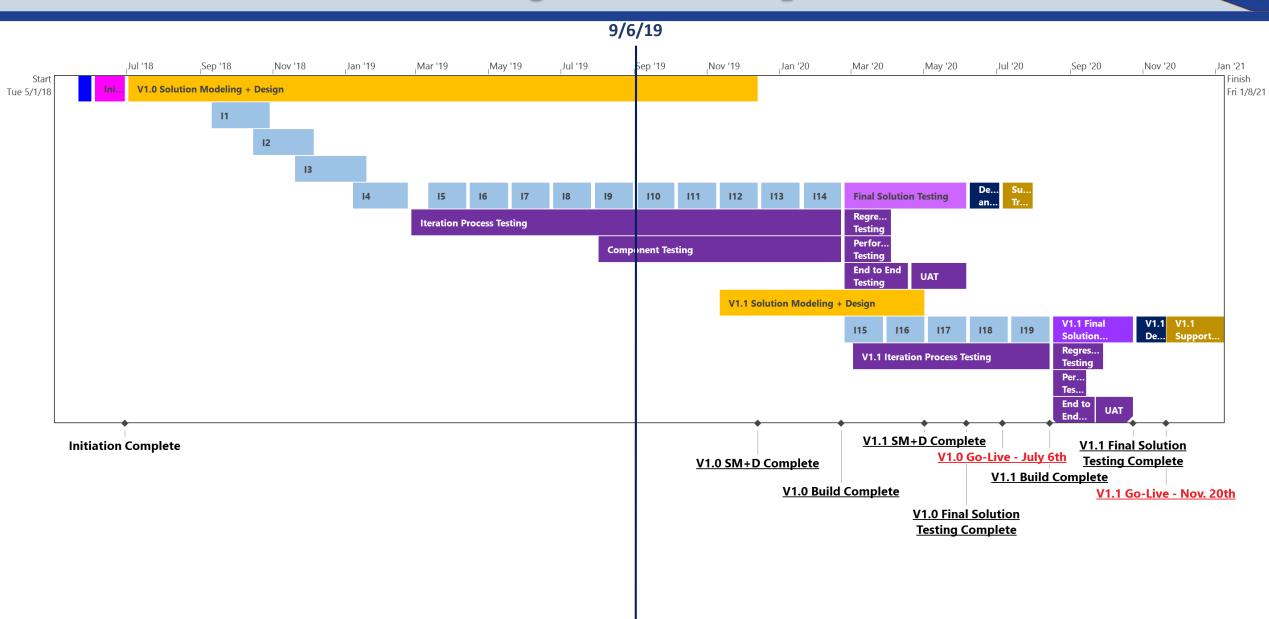
- Iteration 9 Testing (Stage 74)
- Iteration 10 Build (Stage 53)
- Iteration 11 Solution Modeling + Design (Stage 50)
- Iteration 12 & 13 Business Analysis review (Stage 20)
- Identification of requirements for Data Warehouse

What are we concerned about:

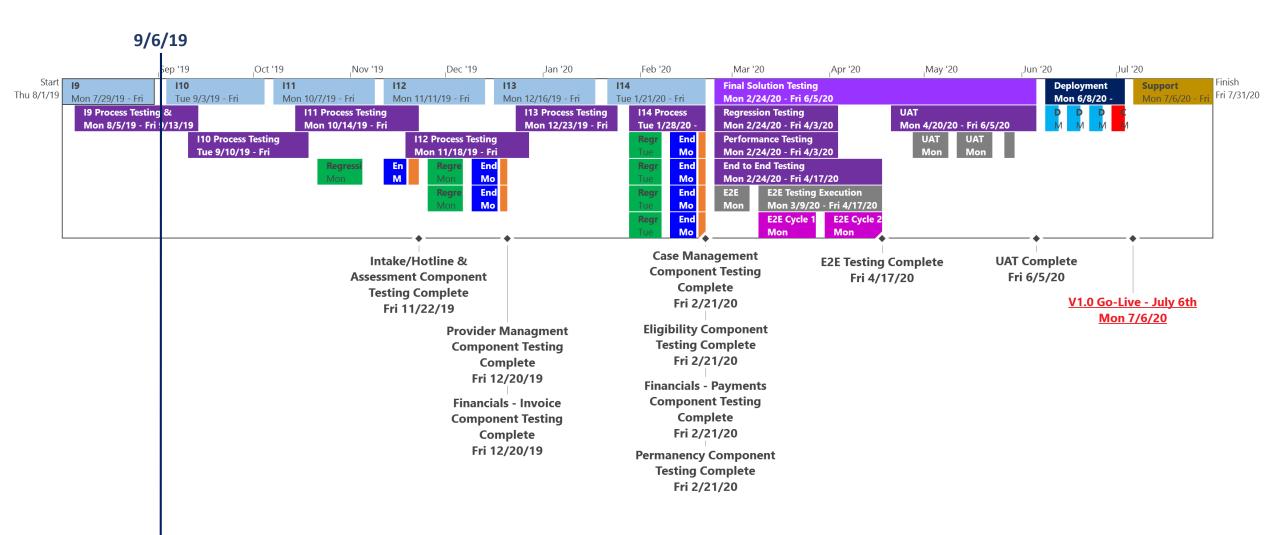
- Sustain Velocity for stage 50 (Development Ready) requirements
- Resourcing
- Interfaces and Exchanges



Program Roadmap



Program Testing & Deployment Roadmap



Program Summary of Business Requirements by Component



Component	Total Number of Requirements	Total number of Requirements for Go-Live	% of Go-Live Complete
Intake/Hotline	165	142	96%
Assessment	214	154	85%
Case Management	242	138	43%
Eligibility	204	201	22%
Permanency	176	109	31%
Financials	252	197	14%
Provider Management	377	121	29%
Common	824	609	47%
Total	2,454	1,671	

Represents % at Build Complete

Data as of 8/31/19

Total Program Dashboard

Key discussion point:

- <u>Program</u> Solution Modeling & Design (SM+D) velocity has improved:
 - 20 requirements completed SM+D in first week of September (stage 50)
 - Program currently iteration planning P4's for V1.1 release

Program Requirements - Priority 1-3	In Sol'n Modeling 9000 Work items	SM+D Complete	In Build 642 Work items	In Test 308 Work items	Total Req'ts 2133 Work items
"Business" Requirements - Priority 1-3	In Sol'n Modeling 530 Work items	SM + D Complete 262 Work items	In Build 626 Work items	In Test 308 Work items	Total Req'ts 1726 Work items
"Technical" Requirements - Priority 1-3	In Sol'n Modeling 370 Work items	SM + Design 21 Work items	In Build 16 Work items	In Test O Work items	Total Req'ts 407 Work items

Program Burndown

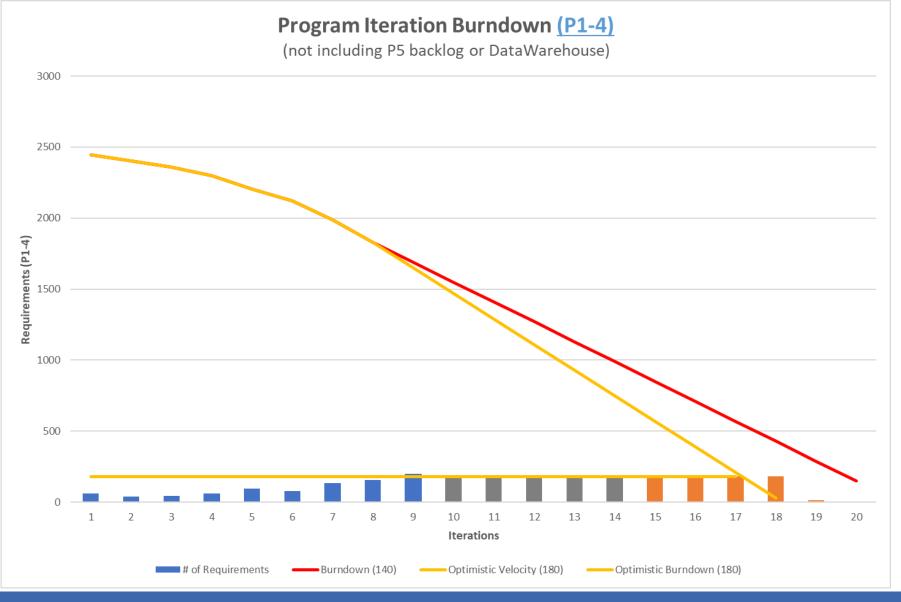


Key Discussion Points:

 SM+D output velocity prevents us from just adding more Build team members

SM+D Velocity

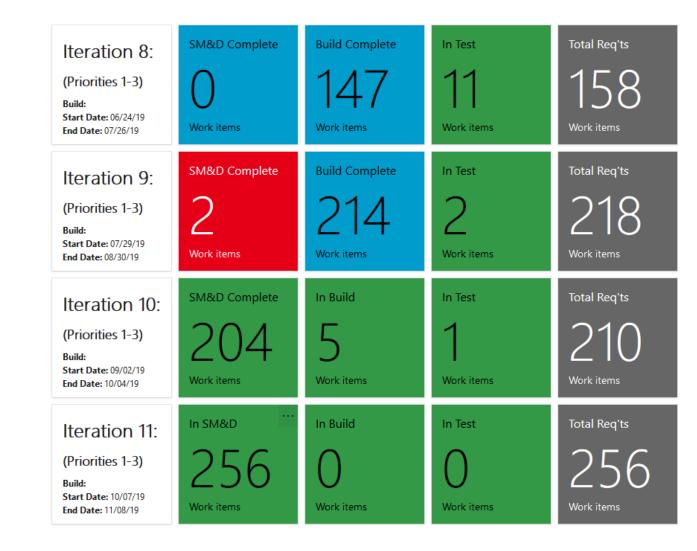
Week	# of Req'ts
6 th Sept	20
30 th Aug	69
23 rd Aug	58
16 th Aug	15
9 th Aug	22
2 nd Aug	12
26 th July	62
19 th July	41
12 th July	46
5 th July	48
28 th June	26
21 st June	61
14 th June	91
7 th June	70



Program Dashboard by Iteration

Key discussion points:

- I9 was the first iteration to have SM&D complete (stage 50) before start of iteration
- I10 was the second iteration to have SM&D complete (stage 50) before start of iteration
- After demos, I8 has 155 requirements that are demo accepted (stage 70 or greater)
- I9 has 217 requirements that are demo ready (stage 53)...we expect this to be >180 requirements after demo to match final planned iteration velocity





Program Risks, Issues, Action Items Dashboard



	New This Week	Closed This Week	Open	Risks w/o Triggers
Risks	0	0	10	1

	New This Week	Closed This Week	Past Due	Due This Week	Due Next Week	In Progress
Issues	0	0	3	0	0	6

	New This Week	Closed This Week	Past Due	Due This Week	Due Next Week	In Progress
Action Items	13	5	42	13	7	141

Current Development Estimate at Complete by Fiscal Year



	SFY15	SFY16	SFY17 (Actuals)	SFY18 (Actuals)	SFY19 (Actuals)	SFY20 (Act + Fcst)	SFY21 (Forecast)	EAC (Estimate at Complete)
Planning and Procurement Cycles	\$ 236,627	\$ 314,593	\$ 599,942	\$-	\$-	\$-	\$-	\$ 1,151,163
Feasibility Study		\$ 616,998	\$-	\$-	\$-	\$-	\$-	\$ 616,998
Data Management Assessment			\$ 625,307	\$-	\$-	\$-	\$-	\$ 625,307
Program Management			\$ 1,185,035	\$ 2,799,270	\$ 876,741	\$ 783,867	\$ 382,900	\$ 6,027,812
Business Integration			\$ 1,070,367	\$ 2,450,314	\$ 1,948,942	\$ 4,338,140	\$ 813,640	\$ 10,621,403
Mobile Solution			\$ 1,433,114	\$ 1,611,003	\$-	\$-	\$ 312,927	\$ 3,357,044
IV&V			\$ 107,460	\$ 187,200	\$ 195,400	\$ 220,000	\$ 180,000	\$ 890,060
Quality Management			\$ 26,078	\$ 1,419,651	\$ 247,205	\$ 1,082,519	\$ 359,187	\$ 3,134,640
Platform			\$ 2,147,482	\$ 1,218,300	\$ 4,158	\$ 860,842	\$-	\$ 4,230,783
Hosting			\$ 7,973	\$ 1,200,145	\$-	\$-	\$-	\$ 1,208,119
Enterprise Content Management			\$-	\$ 187,983	\$ 489,446	\$ 2,826,470	\$ 348,394	\$ 3,852,294
Integrated Shared Services			\$-	\$-	\$ 82,347	\$ 919,732	\$ 147,054	\$ 1,149,132
Data Management			\$-	\$-	\$ 571,928	\$ 2,317,166	\$ 793,035	\$ 3,682,130
Technical Integration			\$ 6,035	\$ 2,382,391	\$12,887,429	\$18,997,533	\$ 9,090,676	\$ 43,364,064
Training			\$-	\$-	\$ 244,610	\$ 1,083,652	\$ 600,000	\$ 1,928,262
Service Management Office			\$-	\$-	\$ 221,214	\$ 27,652	\$-	\$ 248,866
CHILDS Decommissioning			\$-	\$-	\$-	\$-	\$-	\$-
Total	\$ 236,627	\$ 931,591	\$ 7,208,794	\$13,456,258	\$17,769,420	\$33,457,573	\$13,027,813	\$ 86,088,076
Program Approved Budget								\$ 86,088,076
(Over)/Under								\$-

• At month end of August, the program estimate at complete was still within the program approved budget

Current Financial Position

k	
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		State F	unding				
		Α	PF				
	A	ppropriated	Favorably Reviewed	Favorably Reviewed		DOA Transferred	
Total FY15 Appropriated	\$	5,000,000	\$ 5,00),000	\$	5,000,000	
Total FY17 Appropriated	\$	4,581,600	\$ 4,581,600 \$ 4,58				
Total FY18 Appropriated	\$	11,103,000	\$ 11,103	3,000	\$	11,103,000	
Total FY19 Appropriated	\$	5,000,000	\$ 5,000	0,000	\$	-	
Total FY20 Appropriated	\$	10,100,000	\$	-	\$	-	
Total APF	\$	35,784,600	\$ 25,68	1,600	\$	20,684,600	
		Genera	al Fund				
Fiscal Year			Planned				
FY15			\$	236,627			
FY16			\$	499,761			
Total General Fund			\$			736,388	
Total of All State Funding	3		\$			21,420,988	
		Federal	Funding				
	A	ppropriated	Approved to Spend Available to spen			able to spend	
Federal Title IV - E Match available (50/50)	\$	23,373,243	\$ 23,37	3,243	\$	23,373,243	
		Act	uals				
APF/GF Spent			Federal Sp	ent			
CH15002 (Planning and Procurement)	\$	851,192	CH15002 (Planning and Procureme	nt)	\$	299,971	
CH15004 (Feasibility Study)	\$	401,083	CH15004 (Feasibility Study)		\$	215,915	
CH17002 (Guardian)	\$	20,405,060	CH17002 (Guardian)		\$	20,405,068	
Total APF/GF Spent	\$	21,657,334	Total Federal Funds Spent		\$	20,920,954	
	1	Fotal Fund	Remaining				
Total Funds Available to Spe	nd		\$			44,794,231	
Total Funds Spent			\$			42,578,288	
Total Funds Remaining			\$			2,215,944	

- Per DCS JLBC Legislative Liaison, the remaining \$97k from the feasibility study (CH15004), does not require favorable review to spend on the rest of the Guardian Program
- \$29 APF balance remaining from the Planning and Procurement project (CH15002)
- Current Actuals derived from all costs paid through 8/31/19

Financial Health:The current financial position for the program is green.



Q & A Session

Program Structure



