Presentation to ITAC

Project Vision

To unify data from Arizona state agencies and educational institutions to allow longitudinal analysis of how these state agencies and educational institutions affect the lives of Arizonans.

Project Mission

To better understand and improve government services, the state is establishing an integrated data system that integrates administrative data from various state agencies and educational institutions with the purpose of assessing the impact of those organizations on the lives of Arizonans over time.

Integrated Data System Development

State of Arizona – Office of Economic Opportunity

May 19, 2021

Presenter: Vignesh Sukumaran

Vignesh Sukumaran (OEO, Senior Database Administrator)
IDS Project Lead

Project Introduction

<u>Pursuant to the requirements in A.R.S §§ 41-5303 and 41-5404</u>, Office of Economic Opportunity is developing an integrated data system (IDS) to link administrative data from educational institutions and workforce programs for research and analysis.

On <u>December 16, 2020</u>, ITAC approved the project to establish the IDS using the following data:
- Education records from the Maricopa County Community College District.
- Education records from the Pima County Community College District.
- Participant records from the Workforce Innovation & Opportunity Act programs in the Arizona Department of Economic Security.
- Participant records from the Adult Education program in the Arizona Department of Education.
- Wage records from the Unemployment Insurance data repository in OEO.

Industry Partners:
- ACTIVECYBER is implementing a risk management framework for the IDS.
- SpringML is developing and implementing the IDS.

In the original PIJ, the project period was estimated to be Jan. 18, 2020 to June 7, 2020.
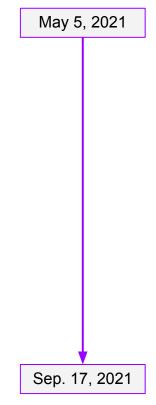
Project Change Request Overview

The Office of Economic Opportunity requests extending the project schedule to September 17th 2021.

- The AZRAMP state security controls assessment process consists of over 325 different security controls. After building a prototype and completing two-thirds of the security controls assessment, the development team has a clearer understanding of the project duration.
  - As the system is being built from the ground up, it is difficult to implement and assess security controls in a system under development.

- Considerable portion of development requires live (confidential) data.

- System can be authorized to receive confidential data only after a satisfactory assessment of security controls.

- The increase in project duration will incur no extra cost or change in scope. Also, there are no dependent processes/systems that would be impacted by this extension.

Revised Project Timeline (if applicable)

Solution Design	Complete	100%
Prototype Development & Hardening	Complete	100%
Incident Response Plan	Complete	100%
Incident Response Plan Test	Complete	100%
Penetration Test - 1 of 2	Complete	100%
Security Architecture & Design	In Progress	92%
Continuous Monitoring Strategy	In Progress	63%
Security Controls Assessment - 1 of 2	In Progress	56%
System Security Plan; Plan of Action & Milestones	In Progress	NA
Data Extraction, Transmission & Processing	In Progress	50%
Privacy Impact Assessment	In Progress	22%
Data Matching	Not Started	0%
Data Segmentation & Cataloging	Not Started	0%
Secure Research/Analysis Infrastructure	Not Started	0%
Security Controls Assessment - 2 of 2	Not Started	0%
Penetration Test - 2 of 2	Not Started	0%
User Acceptance Testing	Not Started	0%
Production Migration	Not Started	0%
PIJ Closeout / Final Invoice Payment	Not Started	0%

May 5, 2021

Sep. 17, 2021

Q & A
Session