Arizona Enterprise Services Platform (AESP)
Information Item

ITAC Meeting
May 27, 2015

ADOA-ASET
Arizona Strategic Enterprise Technology

Arizona Enterprise Services Platform

Presenters:

- JR Sloan – Acting Chief Strategy Officer and Deputy State CIO, ADOA-ASET

- Prasad Putta – Acting Chief Technology Officer, ADOA-ASET

ADOA-ASET

Governor's Priorities

"……….legitimately balanced budget must contain funding to **maintain and modernize the State's core infrastructure**. This is reflected in additional investments in capital and information technology".

Source: page 3, State of AZ, The Executive Budget FY2016, Governor Douglas A. Ducey
- http://www.ospb.state.az.us/documents/2015/Executive%20Budget%20Summary%20Book,%20FINAL,%20Online%20Version,%20with%20Links,%201-13-15.pdf

Business Problems

- Projects starting from "zero"

- Re-inventing the wheel

- Inefficient data sharing practices

- Redundant solutions throughout the enterprise

- Redundant license costs

- Inconsistent / Ad-Hoc security

*"The total acquisition cost of the State's **2,576 servers** as reported in the IT Inventory data is approximately **$26,450,000**."*

*"The State IT Facilities survey identified **28 data centers** & **57 server rooms**…"*

*"Approximately **35 percent**, or 893 of the State's servers, are **7 or more years old**"*

"The Arizona Enterprise Services Platform (AESP) is an extensible system that allows agencies to develop websites and applications without having to build solutions from scratch."

Large-Scale Computing Systems Study

Presented to: Governor Janice K. Brewer, Secretary of State Ken Bennett, President of the Senate Andy Biggs, Speaker of the House Andy Tobin and the Senate and House Appropriation Committees

ADOA
ARIZONA DEPARTMENT OF ADMINISTRATION

Prepared By: Arizona Department of Administration (ADOA)
Arizona Strategic Enterprise Technology (ASET)
Date Submitted: October 1, 2014

"my.az.gov will save people and businesses time when transacting with the government… [It will] save Arizonans time and money [and] dramatically change how they communicate with and view their government."
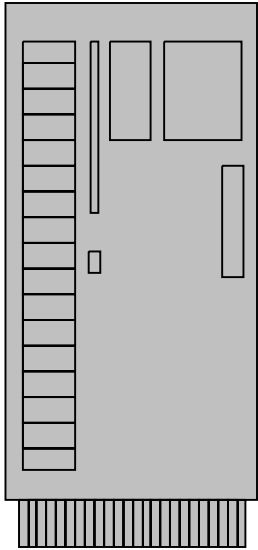
Current State

- Previous ADOA-ASET management identified the opportunity
  - Cloud-based
  - Shared services framework (Middleware)
  - APIs
  - Public-private partnerships

- Platform has been deployed with core functionality
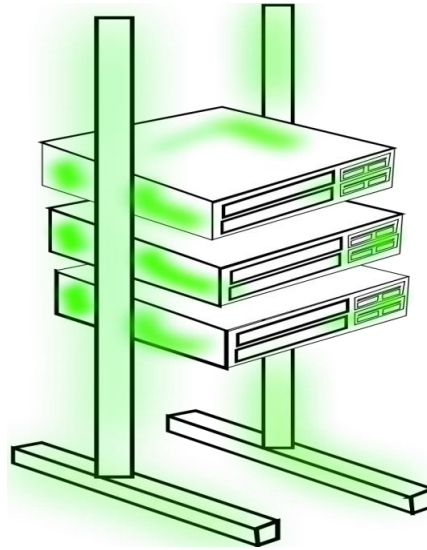 - Ready to receive applications

Capabilities – Current & Future

- API's – 8 customers

- BREAZ

  – API for vendor lookup – July 1, 2015

  – Identity management – September 2015

- Web portal applications – 40 customers (future integration w/AESP)

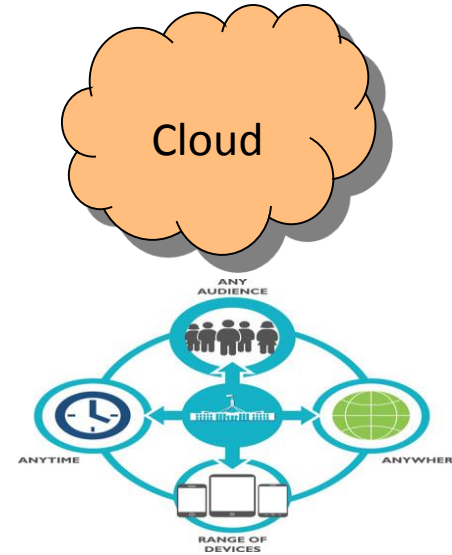- Credit card processing – 40 customers (future integration w/AESP)

Why the platform?

Cloud

Platforms/Capabilities

Vendor Management

IT commoditized!!

Mainframe +40 years ago?   80s – 2000s   2010s - ????   20?? -

Strategic Alignment

- Government transparency

- Service enhancement

- Reporting

- Quality

Project Risks

- Limited In-House Resources
  - Vendor resources to be utilized and managed

- Ongoing Funding Years 2-5

Opportunities for AESP Apps

- Document & content management

- Business one-stop

- Workflow

- Lean initiatives

- Data sharing

- Payment processing

Five-Year Lifecycle Cost Projection

Estimated Development / Implementation Costs Year 1

- Professional and Outside Services (P&OS) - $575,240 (FY16 APF)
- Other (contingency) - $12,200 (FY16 APF)

- Estimated Ongoing Operational Costs:
  - Year 1 - $2,040,560 P&OS (FY16 APF)
  - Year 2 - $250,000 (Web Portal Fund New Budget Request FY17)
  - Year 3 - $250,000 (Web Portal Fund New Budget Request FY17)
  - Year 4 - $250,000 (Web Portal Fund New Budget Request FY17)
  - Year 5 - $550,000 (Web Portal Fund New Budget Request FY17)

    Total Project 5-year lifecycle cost estimate:
    $3,925,000 *($2,625,000 – APF) ($1,300,000 – Web Portal Fund New Budget Request)*

Questions ?