Joint Technology Committee Hearing
June 7th, 2023

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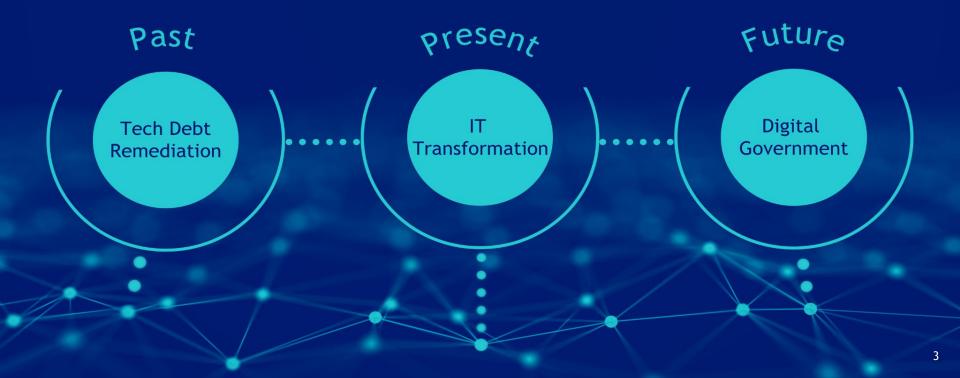**Michael McReynolds**, Legislative Liaison

Agenda

- **Updates on FY 2022-23 items**
    - R-01 Modernizing Aging IT Systems (Tech Debt)
    - BA-01 Accessibility Testing and Remediation (Tech Debt)
    - BA-02 CBMS OIT Admin. Allocation (IT Transformation)
- **Colorado Broadband Office Updates (Digital Government)**

Connecting the Dots Between OIT's "Big Three" Initiatives

Past

Present

Future

Tech Debt Remediation

IT Transformation

Digital Government

R-01 Modernizing Aging IT Systems (Tech Debt)

Tech Debt Portfolio Updates: Overall Portfolio - 35% complete

- **Exit eFORT Project- 45% Complete**
  - The eFORT migrations are underway
    - Jan. 2022 - Project started with 145 occupied "racks" in the leased eFORT Data Center
    - **As of April 2023, 55 of the racks had been "emptied" and project was 45% complete**
      - Software and hardware are being moved out of the data center - applications and services are being moved to the cloud or to the state-owned Lakewood Data Center
    - On target to be out of the leased eFORT Data Center by 1st quarter 2024
  - **Cloud Migration Program- 50% Complete**
    - Core Network Refresh Project
      - CORE Network Refresh project team is updating the existing network equipment, firewalls and wireless controllers to ensure network infrastructure is up-to-date and secure.
    - WINDOWS 2008 / WINDOWS 2012 Project
      - Windows 2008 has 171 total servers and OIT successfully decommissioned or migrated 101.
      - The Windows 2012 project is completing server inventory (collecting server information). Once complete, they will begin evaluating servers for decommissioning or upgrades.

R-01 Modernizing Aging IT Systems (Tech Debt)

Tech Debt Portfolio Updates

- Mainframe Decommission Project - 45% Complete
  - The mainframe migration to the hosted environment will occur on July 29. During the cutover, mainframe production moves from the State of Colorado to our new cloud service vendor, Ensono.
  - **Estimated completion date of 3rd quarter 2023**
- There are 5 modernization projects in progress and running parallel to the mainframe migration
  - ACSES, SIDMOD and EBT modernization (Child support enforcement, State ID numbers & Electronic Benefit Transfer applications) efforts are underway.
    - **They were approved as projects in May 2023**
  - Colorado Personnel & Payroll System (CPPS) modernization effort is outside the scope of the Tech Debt Portfolio and will be managed by DPA.
  - The TIBCO Cyberfusion application is being replaced with the TIBCO Managed File Transfer Application in order to remain compliant with the Social Security Administration.
    - **This project is 69% complete as of June 2023**
- IT Asset Management and Salesforce Vulnerability Remediation Projects
  - **IT Asset Management effort is complete within the scope of the Tech Debt Portfolio**
  - Salesforce Remediation effort is **69% complete**

eFORT Migration as of April 2023

*Each stack shown represents five racks. As racks are migrated out of the eFORT data center, they will become dark blue (empty) racks.

BA-01 IT Accessibility

- **Budget Status**
  - Continued funding from HB21-1110: SiteImprove website monitoring tool, 1 FTE
  - Continued TAP funding FY 2022-23: $1.8M used to hire the 5 FTE + funding for training, software and services
  - Incoming Accessibility Budget/SB23-244: $45M distributed to most State Executive Branch agencies to do accessibility work including testing and remediation of digital products
  - SIPA Innovation Grant: 90K to develop empathy lab to inform agencies on accessibility experiences and challenges to better address digital accessibility needs

BA-01 IT Accessibility

- **Testing and Remediation**
  - Providing TAP funded accessibility testing and remediation software to state agencies
  - Partnering with SIPA for bug reporting/remediation of Colorado.gov platform issues
  - Support agencies using Siteimprove platform to monitor websites and make improvements
  - Scoping and identifying additional websites and accessibility scores
    - Identified 1,000+ state agency applications
    - 477 state websites and growing (up from 355 last year at this time)
    - Scores range from 56.9 (GA's website) to 100 (CDPS, COBEOC, MARS, & CDE's Online Libraries)
    - June 2023 Siteimprove data showed us:
    - 30% of our sites are above the 90/100 threshold now; 89% of our sites are over the prior threshold of 80/100; 11% of our sites are below the prior threshold of 80/100

BA-01 IT Accessibility

- **Training and Information Sharing**
  - State agencies averaging 30% completion of accessibility plans with some agencies up to 67%
  - Webinars, presentations, events, and Newsletter with 1300+ subscribers
  - Development and integration of accessibility-related processes, tools and training
  - Developed and distributed accessibility training courses, presentations, guides, & other resources
- **Other Wins**
  - Successful launch of Aira visual interpreter service for blind and low vision individuals
  - Integrated accessibility into IT vendor procurement process

BA02- CBMS OIT Admin. Allocation

- **This request was a net-zero FY 2022-23 Budget Amendment that shifted $4,725,002 from HCPF and CDHS Common Policy budgets to the Colorado Benefits Management System (CBMS)**
  - This change ensured CBMS pays the correct amount for OIT administrative/overhead costs
  - This request benefited the state budget by reducing the net General Fund impact of OIT's Administration
  - This request was not a project, it was a technical financial change that aligned with OIT's move to real time billing and IT transformation efforts

Colorado Broadband Office Updates

- **Capital Projects Fund $162M**
  - Grant Guidelines public feedback process complete
  - Application opens on June 20
  - 60-day application window
  - Anticipated awards by the end of 2023
- **Broadband, Equity, Access and Deployment Program (BEAD)**
  - June 30 notification of BEAD allocation from the NTIA
  - 5-Year Action Plan final draft under review - due August 28
  - Initial proposal process begins in July

Colorado Broadband Office Updates

- **Broadband Deployment Fund**
  - Winter 2023 cycle complete - $8.1M in High Cost Support Mechanism awarded and $3.4M in State and Local Fiscal Recovery Funds awarded
  - Summer grant cycle kickoff is May 15th
- **Other Programs**
  - Digital Equity
  - Workforce Development
  - Affordable Connectivity Program
  - Summer Roadshow across Colorado

Thank You