NC DIT
Technology Strategy Board

Friday, April 1, 2022
9:00am—12:00pm

NC DIT | NORTH CAROLINA DEPARTMENT OF **INFORMATION TECHNOLOGY**

Agenda

Call to Order

Opening Remarks

Broadband & Funding

Legislative Updates

Committee Reports

- Digital Transformation Committee
  - *Progress Reports*
- Cybersecurity/Privacy Committee
  - *Cyber Education Pathways*
  - *State of Cybersecurity in NC*

Other Business

Adjournment

Opening Remarks

Secretary Jim Weaver, Board Chair

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IT Expansion Pilot

Sarah Porper

IT Expansion Pilot

Background

- IT requests are often large/complicated and have high impact on:
  - Agency operations
  - The state's constituents

- Partnered with OSBM to pilot a review process that helps:
  - Inform decisions about IT investment
  - Find opportunities for economies of scale and/or to reduce duplication
  - Ensure that the IT programs/projects included in the state's budget are sound

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IT Expansion Pilot

Focus Areas

- Strategic alignment

- Value proposition

- Risk

- Solution approach

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IT Expansion Pilot

Process/ Results

- In late 2021 we began working with OSBM to enhance the expansion review process
  - Created a survey with IT-specific questions addressing the 4 focus areas
  - Presented the new survey questions to CIOs
  - Formed a team of SMEs from OSBM and DIT to review requests

- To date we have reviewed 30+ requests from 10 agencies
- Additional agencies' requests are forthcoming

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Legislative Update

Leigh Jackson
Legislative Affairs Director

Legislative Schedule

- April 4-6: Members return
- May 4-6: Members return
- May 18: Short Session begins
- June 20: Short Session Adjournment

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Digital Transformation Committee

Tracy Futhey, Chair
Jo Abernathy, Keith Briggs
Keith Collins, Anne Hungate, Teena Piccione

Committee Activities

- Monthly meetings to monitor progress on digital transformation efforts
  - Demo of NC.gov
  - Updates on Constituent Portal
  - Review project monitoring dashboard
- Special Meeting to provide feedback to NC.gov communication team
  - Keith Briggs has provided leadership

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Roadmap Progress Updates

- <u>Six Month Progress Report (Early Focus items)</u>

  1. Promote enabling infrastructure and system integration.

  2. Stimulate inter-agency coordination and collaboration toward common solutions.

  3. Improve awareness of and easy access to secure state systems for all constituents.

The Committee has been impressed with DIT Staff performance. Items remain red due to lack of resources, yet-to-be-established interagency cooperation, and shared committee/working group to pursue Digital Transformation.

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Digital Transformation Committee

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Progress Updates:

Promote enabling infrastructure and system integration

- ➢ Source solution for a Common Digital Identity
  - + Technical
  - − Policy (merging personas), Shared Vision, Early Adopters, Fallback/Mitigation

- ➢ Identify systems of record for data types; pilot Business One-Stop within Constituent Portal (CP)
  - ± Technical (CP on track); Biz1Stop just starting
  - − Policy (ID systems of record), Shared Vision, Early Adopters, Dedicated Resources

- ➢ Map ecosystem of solutions toward common approaches; starting with PayIt system
  - − Mitigations from DT Roadmap not in place: vet and establish new governance body within 90 days, together with Agency CIOs

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Progress Updates: Stimulate inter-agency coordination and collaboration toward common solutions.

- ⬤ (yellow) ➤ Evaluate digital driver's license as a "quick win" and pursue common standards (e.g., PayIt)
  - ± Policy (PayIT standard established); digital DL being discussed w/ DMV
  - - Mitigations from DT Roadmap not in place: e.g., DOT-DHHS-DIT collaboration
- ⬤ (red) ➤ Maturity assessment w/ DPI, DHHS, Commerce
  - - Resource gap (dedicated Project Managers, Business Analysts, Systems Analysts required to move these forward)
- ⬤ (red) ➤ Defer most initial programs with local government until progress is made
  - - As above, Resource gap hinders progress

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Progress Updates:

Improve awareness of and easy access to secure state systems for all constituents.

🔴 ➤ Establish DT "roadmap" of features + timelines
- Communications campaign still pending, but early coordination w/ Constituent Portal has occurred

🔴 ➤ Inventory state system data on citizens
± New CPO onboard; leveraging for DT Roadmap projects net yet underway
- As above, resource gap hinders progress

🟢 ➤ Continue efforts to secure DIT systems; partner with DHHS on protecting private data
+ Very good progress as reported by ITSB Cybersecurity Committee; DHHS security and architecture routinely reviewed

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Digital Transformation Committee

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Potential Needs

- <u>Legislative Needs for Long Session:</u>
  - Digital Transformation Office w/dedicated resources
    - Est. #/size based on our experiences???
    - Chief DT Officer
- <u>Communication Needs to promote Digital Transformation</u>
  - Approaches need to leverage all available resources
    - ITSB+DT -> Agency & Local Electeds, CIOs
- <u>Governance Needs to achieve Digital Transformation</u>
  - Collaborations have been slow to develop
    - Without strong partners and inter-Agency adoption, the impact of Digital Transformation will be limited
  - Want to leverage opportunity with Chief Data Officers to build data governance; build alignment around risk exposure

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Next Steps

- Recognize we have a roadmap, but also recognize that circumstances will change; we need to be adaptable
- Monitor progress
  - DIT continue to sketch out projects (Gannt charts)
- Frame Legislative asks regarding DT (Teena and Anne)
  - What is Digital Transformation
  - Value proposition (why it is important)
  - What it takes
  - How to measure

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Committee Reports

Cybersecurity/Privacy

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Cybersecurity/Privacy Committee

Membership

ITSB Appointees	Joint Cybersecurity Task Force	Technical Advisors
Jeff Tarte—Chair (Senate)	Rob Main (NC SCRO)	Kim Smodic (CISO-UNC)
Gerald Poplin (House)	Randy Cress (Local government)	Pyreddy Reddy (CISO-NC DHHS)
Keith Werner (UNC System delegate by statute)	LTC Robbie Felicio (National Guard)	Stephen Reeves (CISO – NC Community Colleges)
Patrick Fleming (NC Community College delegate by statute)		Al Roethlisberger (CISO-NC DOT)
		Vacant (NC DPS)

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Cybersecurity/ Privacy Committee

Committee Activities

- Monthly meetings to monitor identify key priorities, needs, and approach to Cybersecurity/Privacy
  - Budget/Legislative Updates
  - Overall Cyber Updates
  - Key areas of emphasis:
    - Formalize the Joint Cybersecurity Task Force
    - Whole of State Approach
    - Cybermaturity
    - Next-Gen Tools
    - Education Pathways

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Cyber Education Pathways

Executive Summary

The Cybersecurity Education Pathways Program, in partnership with the North Carolina Community College System, University of North Carolina System, and Department of Information Technology, will increase credentialed cybersecurity professionals to meet industry requirements. The Program will leverage the strengths of cybersecurity educational programs and public and private partnerships to remove barriers to meet the needs of North Carolina employers.

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Cyber Education Pathways

Mission Statement
 To recruit, educate, and graduate certified cybersecurity professionals and retain their services in North Carolina by way of continuing education, internships, apprenticeships, and full-time employment with the State's public and private sector employers.

Strategy
 Leverage North Carolina Community College System and University of North Carolina System education programs to create credentialed employees to meets industry demand.

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Cyber Education Pathways

Next Steps

Goal #1: Draft plan to cover gaps between existing cybersecurity programs and industry need
Goal #2: Identify Public and private sector partnerships
Goal #3: Develop a communication plan
Goal #4: Establish state-level program governance
Goal #5: Create metrics to prove outcomes
Goal #6: Transition to operations

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Cybersecurity/Privacy Committee

- **Cybersecurity Updates**
  - Executive Order No. 254 formally established the State of North Carolina Joint Cybersecurity Task Force on March 16th.

  - North Carolina's current stance regarding international geopolitical issues.

- **Next-Gen Tools**
  - DIT Staff meeting with legislative representatives on cybersecurity funding needs.

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Next Meeting:
June 17, 2021

2022 Meeting Dates
- **June 17**
- **September 16**
- **December 16**

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Adjournment

Thank you for your time this morning—have an excellent weekend!

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