

SCIENCE, TECHNOLOGY AND TELECOMMUNICATIONS COMMITTEE

JUNE 10, 2021

JOHN L. SALAZAR, PMP
SECRETARY AND STATE CIO

NM DEPARTMENT OF
INFORMATION
TECHNOLOGY



PRESENTATION OVERVIEW

- 2021 Legislative Session Bill Review
- Status of Broadband
 - Broadband Request for Proposals (RFP)
 - Broadband Operational Plan
 - Department of Information Technology (DoIT) – Public Education Department (PED) Collaboration
 - Governor’s Office of Broadband Access and Expansion
- Update on Current DoIT Key Initiatives
 - Digital Workspace Implementation
 - Public Safety Radio Communication System Modernization
 - SHARE Enhancements
 - Project Certification Reengineering
 - Development of DoIT FY23 Enterprise Service Rates

2021 LEGISLATION – HB10

- Enacting the Connect New Mexico Act
- Creating a 15-member Connect New Mexico Council (CNMC)
 - 5 Cabinet Secretaries
 - Director of Public School Facilities Authority
 - Director of New Mexico Mortgage Finance Authority
 - 5 members of the public with broadband experience
 - 3 members appointed by Secretary of Indian Affairs
- Establishing duties for CNMC
- Establishing CNMC as a co-coordinator with the Department of Information Technology
- Establishing the Connect New Mexico Fund (CNMF) - \$100M
- Providing for Grants
- Requiring Reports
- Increasing the disbursement level for broadband from the PRC State Rural Universal Service Fund

2021 LEGISLATION – SB93

- Created Office of Broadband Access and Expansion (OBAAE)
 - Administratively attached to the Department of Information Technology
- Director appointed by the Governor
 - Director may hire staff as needed
- OBAAE Responsibilities
 - Establish standards for quality of service
 - Create broadband availability mapping
 - Create data repository
 - On or before January 1, 2022, develop statewide three-year statewide broadband plan
 - OBAAE shall implement the statewide plan

2021 LEGISLATION – SB93

- OBAE Responsibilities continued –
 - OBAE shall provide technical and planning assistance to local governments, public educational institutions, state agencies, and tribal governments
 - May form an advisory committee to facilitate the collection of information and development of proposals for the statewide plan
 - OBAE shall identify federal and nongovernmental funding opportunities
 - State agencies and public educational institutions shall coordinate with OBAE for purchasing broadband and infrastructure best value/bulk pricing
 - Create integrated system of permits, licenses and rules for right of way use applications

CURRENT STATUS - BROADBAND REQUEST FOR PROPOSALS (RFP)

- Goal: Establish a procurement vehicle to obtain services from the vendor community by establishing statewide price agreements
 - RFP Issued March 2021
 - Scope of Work
 - Category 1 – Conduct Feasibility Assessments, Technical and Strategic Planning
 - Category 2 – Grant writing services associated with applying for Federal funds
 - Category 3 – Broadband infrastructure construction of fiber optics and wireless
 - Awards expected by June 30
 - Four-year statewide agreements with an option to renew for four more years

CURRENT STATUS - BROADBAND OPERATIONAL PLAN

- DoIT contracted with Deloitte for the development of a Broadband Operational Plan to facilitate detail requirements in HB10 and SB93
- Four-month contract term
- Benchmark analysis of Broadband Programs in 7 similar states
 - Colorado, Arizona, Utah, Nevada, Nebraska, Minnesota and Montana
 - Key trends across selected states
- Identification of leading best practices in broadband deployment
 - Governance Roles and Responsibilities, Funding Opportunities, Granting Award Methodologies, Establishing Gating Criteria, Reporting Requirements, Mapping methodologies and strategies, and Establishing Prioritization Process

CURRENT STATUS - DoIT/PED COLLABORATION

- DoIT has a major role in supporting PED with Yazzie-Martinez court order for the development, execution, and on-going support of internet connectivity for impacted students
- Strategic Components include:
 - Data analysis utilizing mapping
 - Connectivity determination and associated coordination with ISPs
 - Device acquisition, configuration, and deployment
 - Help Desk Technical Support

CURRENT STATUS - GOVERNOR'S OFFICE OF BROADBAND ACCESS AND EXPANSION

- Director of Broadband (SB93)
 - Governor's Office advertised position in March 2021
 - 6 candidates applied for the position
 - 2 candidates were interviewed
 - Governor decided to expand the search to a national-level
 - Selection of candidate early July 2021
 - Anticipated start date August 2021
- Governor's staff is working on a statewide technology strategy
 - Retired engineering executive from Boeing is leading discussions
 - Utilizing New Mexico based companies and products

PUBLIC SAFETY COMMUNICATION NETWORK MODERNIZATION

- **P25 Digital Trunk Radio System Project – Initiated in FY19**
 - Supports critical mission for New Mexico first responders
 - Facilitates high quality, reliable and interoperable public safety communications
 - Project 25 (P25) is a worldwide standard for design and manufacture of interoperable digital two-way wireless communications products
 - **Current estimated total project cost - \$170 Million**
 - Identified end of life equipment requiring replacement
 - Build out enhanced portable service coverage
 - **Appropriations to Date: \$37.8 million**
 - Extended estimated project completion timeline to FY26 to accommodate partial funding
 - Potential contributions by non-state entities and joint infrastructure build-out could significantly reduce the overall cost of the project

PUBLIC SAFETY COMMUNICATION NETWORK MODERNIZATION

- **FY21 Progress –**
 - **Key Statistics**
 - 30 Sites in System
 - 21.6% Predicted Mobile Radio Coverage
 - 5.84% of State-entity Radios on System
 - **Major Coverage**
 - Albuquerque, Rio Rancho, Bernalillo, Sandoval, Roswell, Las Cruces, Santa Fe, Clovis, Portales, Truth or Consequences and Spaceport America
 - **Entities Served**
 - DPS, DoIT, EMNRD, NMCD, City of Albuquerque, Bernalillo County, Sandoval County, Los Lunas and Rio Rancho

DIGITAL WORKSPACE

- A modernized e-mail solution and integrated office productivity software suite – Microsoft Office 365 (O365) advanced license
 - Established procurement to secure volume pricing for enterprise license agreement
 - Secured an 8-year license agreement with Microsoft
- **Benefits**
 - Increase employee productivity
 - Improves communication for collaboration
 - Enhances security posture to protect information
 - Supports public employees telework capabilities
- **Status**
 - 63 agencies migrated – 10,275 licenses assigned and email for 10k users
 - Remaining 7,100 users to be migrated during week of June 21 - 25

SHARE ENHANCEMENTS

- Migrate existing servers to a virtual environment
 - Improves performance and provides disaster recovery
- Update Disaster Recovery Documentation to address modifications
- Configuration update in progress for FY22 requirements
 - Implementation of 2021 Legislation
- State Personnel Office – e-Forms Deployment
 - System integration with Hyland Electronic Content Management System
 - Electronic request with enforced business logic
 - Workflow Automation with routing and notification
 - Develop electronic audit log
 - Personnel and Position Change Requests

PROJECT CERTIFICATION REENGINEERING

- Developing criteria for independent verification and validation (IV&V) waiver requests
- Revising the IT funding request (C2) process to include best practices
- Modifying membership of the Project Certification Committee (PCC) to include DFA, LFC and Agency Subject Matter Experts to reduce number of DoIT PCC members
- Exploring formulation of a Technology Advisory Committee to provide DoIT assistance on establishing strategic vision for state and oversight of DoIT initiatives

DEVELOPING FY23 ENTERPRISE SERVICE RATES

- New Billing System includes an integrated cost model module
 - Imports financial data from the General Ledger
 - Improves accuracy of cost allocation and rate calculations
 - Provides for “what if” scenarios
- Rate methodology and process will be documented and shared with Department customers and posted on the website
- Exploring funding Indirect Costs from General Fund to decrease customer billing rates

THANK YOU

QUESTIONS?

