



**STATE OF NEW MEXICO**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**MICHELLE LUJAN GRISHAM**  
Governor

**PETER MANTOS**  
Cabinet Secretary Designee

**AGENCY TRIBAL ANNUAL REPORT**  
**FY 2022**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**STATE-TRIBAL COLLABORATION ACT**

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**I. EXECUTIVE SUMMARY**

The New Mexico Department of Information Technology ("DoIT" or the "Department") engages with Tribal Communities in various information technology initiatives. Where appropriate the Department assists Tribal Communities with telecommunications, public safety, geospatial technologies, broadband access and expansion.

The Department currently has collaborative projects with Tribal Communities in the areas of Broadband Planning, Public Safety, and Geospatial Technologies. Native inclusion on DoIT hosted committees that support these initiatives provide a seamless discussion with regards to statewide solutions in communications, broadband and mapping. These efforts are reflected in Tribal engagement with the Broadband for Education, Broadband for Libraries, New Mexico 911 Program, the Department's Geospatial Advisory Committee (GAC), the Office of Broadband Access and Expansion (OBAE), and the Connect New Mexico Council (CNMC). The Department also is recruiting for a geospatial position that will engage North American Tribes on Geospatial issues on behalf of the National States Geographic Information Council (NSGIC). That position will also participate in the National Geospatial Advisory Committee (NGAC) and serve on their Tribal Cultural and Historical Resources Subcommittee. Lastly, DoIT supports the CNMC, which has three Tribal members designated by the Secretary of the Indian Affairs Department representing the Apache, Pueblo, or Nation.

**II. AGENCY OVERVIEW / BACKGROUND**

**a. Agency Overview**

The Department serves as the single executive branch agency to consolidate enterprise information technology (IT) services and provide additional services and functionality to improve IT systems in the executive branch.

The Department provides IT and public safety telecommunications-enterprise products, services

and solutions with the goal of improving and streamlining State IT and land mobile radio (LMR) systems with the goal of consolidating services to promote cost savings and efficiency. The Department operates the State Data Center and provides state agencies communication infrastructure including voice, radio, video, and data services.

The Department coordinates broadband and geospatial activities within New Mexico that consolidate resources into statewide actionable solutions.

The Department is dedicated to improving services, maintaining security and building a stronger technical infrastructure that helps State government better serve the public.

While the vast majority of the services provided by the Department are internal to State government, the degree to which these services have an indirect and at times a direct impact on Native Nations is within a collaborative model. Moreover, with an increasingly connected populace, the services that the Department provides may be leveraged by other entities. Where possible, the Department seeks to assist Tribal interest to leverage IT investments and strategically move forward in new technological arenas. In an era where efficiency is important to provide citizens with the services they deserve, the Department continues to excel in offering innovative solutions for cost-savings and standardization.

b. Mission Statement

***Mission:***

*The mission of the Department of Information Technology is to provide cost effective and efficient enterprise products, services, and solutions within a secure and reliable environment for our customers through leadership, strategic planning, standards, policy, architecture, and oversight.*

***Vision:***

*The vision for the Department of Information Technology is to improve efficiency and effectiveness in the delivery of state services and be the trusted leader in delivering enterprise information technology services and solutions that enable the State to better serve the public.*

***Values:***

*Professionalism - High Standard of Excellence and Ethics*

*Reliability - Building Trust Through Proven Dependability and Security*

*Accountability - Committed to Success*

*Innovation - Promoting Creativity and Agility to Deliver Solutions*

*Communication - Establishing Effective Partnerships with Our Customers*

c. Agency Background

Through legislation enacted in 2007, the Department of Information Technology Act, the Department was created to “consolidate enterprise information technology services duplicated within executive agencies and provide additional information technology services and functionality to improve and streamline the executive branch’s information technology systems.”

The Department consolidates all functions formerly administered by the Office of the Chief Information Officer, the Communications Division and Information Systems Division of the

General Services Department into a single, executive branch department. In addition to the responsibility of consolidating and providing Enterprise IT services, the Department provides the core technical infrastructure which includes the State Data Center and the infrastructure for voice, radio, video, and data communications. The Department is also responsible for the oversight of IT projects, plans, and procurements ensuring compliance with State IT rules, standards and best practices.

### III. AGENCY EFFORTS TO IMPLEMENT POLICY

***Describe agency's efforts in FY2022 to communicate, collaborate and consult with tribes as described in your Tribal Collaboration and Communication Policy.***

The Department **Tribal Collaboration and Communication Policy** ([DOIT-361-109-A Version 2.0](#)) was revised in May 2019. The purpose of the policy is to foster, facilitate, and strengthen positive government to government relations between the Department and New Mexico's Native Nations. The following are the Department's Policies and a description of past year efforts:

5.1: DoIT will comply with 11-18 NMSA 1978 State-Tribal Collaboration Act.

EFFORT: The Department supports the requirements as set forth in the State Tribal Collaboration Act (STCA)

5.2: DoIT will make reasonable efforts to collaborate with Native Nations in order to develop and implement any and all DoIT policies, agreements, and programs that relate to Native Nations' needs for, and utilization of, information technologies.

EFFORT: The Department engages the Tribal Community through two major areas that include the NM Broadband Program (including support for OBAE and the CNMC) and the NM Geospatial Advisory Committee (NM GAC).

5.3: The Indian Affairs Department (IAD) and DoIT provide "Cultural Competency Training" and other topic specific training, technical assistance and support to Qualified Employees so that Qualified Employees may effectively interface with Native Nations.

EFFORT: Each year, usually in July, the Department Tribal Liaison, on behalf of the Cabinet Secretary, sends an email to all employees requesting that any staff with professional involvement with Tribal entities schedule attendance at a [Building Cultural Equity with Native Nations](#) course offered by the State Personnel Office. Since 2011 twenty one (21) Department Staff have attended the course, yet due to staff changes currently only nine (9) are still with the Department. Two employees recently completed the course.

5.4: Qualified Employees will participate in ongoing professional development and in-service tribal protocol training for building and improving their knowledge awareness and cultural competence skills.

EFFORT: All DoIT employees with professional involvement with Tribal entities are required to attend *Building Cultural Equity with Native Nations* Training. A list is maintained and kept current by the department's tribal liaison and human resources staff. In addition, the Liaison participates in periodic meetings requested by the Indian Affairs Department (IAD), the Tribal Leadership meetings, and the annual Governor's State Tribal Leadership Summit with DoIT's Cabinet Secretary.

5.5: The Tribal Liaison will: (a) serve as DoIT's primary contact person with the IAD and Native Nations; (b) maintain and manage communications between DoIT, the IAD and Native Nations; (c) work with the IAD and Native Nations to improve state-tribal interactions; (d) work to resolve issues that may arise between the State of New Mexico, the IAD and Native Nations in order to improve DoIT's delivery of services to the IAD and Native Nations; and (e) oversee and manage the work performed by Qualified Employee(s) with respect to their business relationship(s) with the Native Nations.

EFFORT: Upon the retirement of George Clark, the Department designated Andrea Martinez as the Tribal Liaison. The OBAE will recruit for a tribal liaison dedicated to broadband issues.

5.6: No later than June 30 of each year, the Tribal Liaison will submit a Report for review and approval by the Secretary. In the event the Secretary approves the Report, no later than July 31 of each year the Tribal Liaison will submit the Report to the IAD on DoIT's behalf.

EFFORT: The Department makes every reasonable effort to comply.

#### **IV. CURRENT AND PLANNED PROGRAMS AND SERVICES FOR AMERICAN INDIANS / ALASKA NATIVES**

***Provide a description of current and planned programs and services provided to or directly affecting American Indians or Alaska Natives and the amount of funding for each program.***

##### **CURRENT ACTIVITIES**

- **Department of Information Technology** (Funding: No direct funds to Tribal) - The Department provides services and information technology oversight to the State of New Mexico's executive agencies and operates on a cost recovery basis for the services provided. The Department's activities in the areas of data services, telecommunication implementation, public safety networks, broadband planning, geographic information technology, digital microwave services, and cyber security has relevance to Tribal entities, yet the Department role with Tribes has primarily been advisory. The Department has provided advisement to tribal entities including referrals to internet service providers, radio telecommunications specification reviews, consultation on various IT services, opportunities for shared federal funding opportunities, and collaboration on broadband infrastructure support. Much of this interface comes from the State-Tribal Leaders Summit meetings.

Resources:

- DoIT: [Home - New Mexico Department of Information Technology \(nm.gov\)](http://nm.gov)
- **New Mexico Broadband Program** (Funding: See Below) – The NM Broadband Program (NMBBP) is managed by OBAE with the administrative support of DoIT. Recent legislation provided significant funding to both DoIT and the CNMC to support the expansion of broadband capacity with a focus on Rural New Mexico. These funds touch Tribal Entities. This last fiscal year saw the continuance of support to tribes through the Broadband for Education (BB4E) and Broadband for Libraries (BB4L) Initiatives. In addition, direct grant awards were made for planned Tribal projects from DoIT and with the creation of the NM Homework Gap Team in the last quarter of FY20 resulted in several Tribal Activities as noted below:
  - Map: The NMBBP created a [Statewide Tribal Map](#) that may be useful to some.
  - Fund Allocations:
    - Cochiti: The Department allocated funds to the Pueblo of Cochiti to bring fiber to their residential communities (Approximately \$2.875M). This project has completed the installation of 8 miles of underground fiber optic cable and 6 miles of fiber laterals to connect 260 endpoint locations,

- homes, anchor institutions, tribal administration, and upgrade the Main Distribution facility in the Pueblo of Cochiti.
- Navajo Nation: DoIT secured state funds of \$3M to support match requirements for the NM side of an approximately \$70M E-Rate funded fiber build project. A completed phase of this project installed 7 miles of Fiber Optic Cable to connect the Ramah Chapter House and Library, Pine Hill/Ramah Schools, Ramah Community Health Clinic in the Ramah Navajo Chapter. As a part of that project DoIT is supporting NM State Library in engaging the Navajo Nation for a longer-term development strategy for Chapter Houses to qualify as NM State Recognized Libraries.
- Navajo Nation: The Department, through OBAE, represents New Mexico in the One Nation Four State Broadband Planning Task Force. These consist of Bi-Monthly meetings that rotate between the Navajo Nation, New Mexico, Arizona, Utah, and Colorado. The primary objective is to cooperatively improve broadband capacity within the Navajo Nation and in turn provide seamless services between states.
- Tribal Devices: The Department collaborated with NM PED in the purchase and distribution of 101 CradlePoint Facility/Mobile based WIFI units, 700+ residential WIFI devices, and 6200 Chromebooks that went to Tribal Entities. To assist in the proper placement of these devices DoIT provided [LTE Analytics](#) by Wireless Provider to the tribes.
- WIFI Public Hotspots: The Department reached out to internet service providers, schools, libraries, state agencies, local government, tribes, and other entities requesting the existence of Public WIFI “Parking Lot” Hotspots. The DoIT Broadband Program continues to gather this information. The locations are posted with ancillary information onto their [NMBBP Online Map](#). Those located on Tribal Lands state – “For Tribal Members Only”. Currently we have over 525 Public Hotspots mapped. Earth Data Analysis Center (EDAC) under contract with DoIT to build and maintain the NMBBP Online Map has created a feature service that Tribes can consume into their online maps.
- NM Homework Gap Team (NM HGT): The [NM Homework Gap Team](#) was convened to collaborate on providing affordable and reliable internet access to students. The NM HGT includes Tribal Representation from the NM Indian Affairs Department, NM PED Indian Education Division, Navajo Nation, and Santa Fe Indian School. The NM HGT meets every other week and spins up collaborative actions inclusive of Tribes.
- BB4E: (Funds to Public Schools on Tribal Lands) - An initiative that directs the Department as the Technical Lead and requires collaboration with the Public Education Department (PED) and the Public Schools Capital Outlay Council (PSCOC) to provide broadband to public schools inclusive of those on Tribal Lands. Funding is from the PSCOC and administered by the Public Schools Facility Authority (PSFA) who is the lead. Approximately \$10M are available annually and are primarily used to “match” federal funds (E-rate). The Department is working directly with the tribes to facilitate the submittal of applications for federal funds. The Department with PSFA and PED continue with this multi-year program in providing support to Tribal public schools, grant schools, and/or Bureau of Indian Education (BIE) schools to acquire federal funds for broadband access, internal equipment, and WIFI services. To date New Mexico has secured approximately \$100M at a match cost of approximately \$7M

in state funds. As a result, cost of services per meg have been reduced statewide from \$14 to near \$4. A very successful initiative that is benefiting tribal schools.

- **BB4L: (Funds to Public Libraries on Tribal Lands)** – The Department is administratively supporting the State Library provide broadband services to tribal libraries as per the Broadband Plan developed by the NM Library Transform that included Tribal representation. One of the activities of this group was obtaining legislation for a Library Broadband Fund that will provide support to Libraries, inclusive of State Funded Tribal Libraries, in acquiring federal funds for broadband access and internal equipment. The Fund was created in 2018 with no money, yet the 2019 legislation providing \$1M that will also benefit Tribal Libraries. State Library has now connected with fast speed internet over 80 percent of the libraries that include public libraries on tribal lands.

Resources:

- NMBBP: [Broadband - New Mexico Department of Information Technology \(nm.gov\)](https://www.nmbbp.nm.gov)
- NMBBP Strategic Plan: [nmbbp\\_strategic20200616Rev2Final.pdf](https://www.nmbbp.nm.gov/strategic20200616Rev2Final.pdf)
- NMBBP Map: <https://nmbbmapping.org/mapping/>
- Facility Editor Mapping: <http://nmbbmapping.org/bbcrowd/>
- **Geospatial Advisory Committee** (Funding: No direct funds to Tribal) – Though no direct funds to New Mexico Tribes, the efforts of the Geospatial Advisory Committee (GAC) results in direct services to the Native Nations. The GAC advises the Department Secretary and State CIO on issues and standards regarding Geospatial Technologies. GAC is a coordinative body for statewide geospatial projects. Participants represent federal, state, local, private, and tribal entities. Activities include statewide collaborative data acquisitions that include benefits to Indian Country. In addition, substantial effort is targeted towards supporting the State Geospatial Data Clearinghouse, a resource that Tribes use extensively. The GAC members include Tribal Representatives. The following GAC Subcommittee activities have engaged tribal participation:
  - **Elevation Data Planning and Acquisition (EDPA):** A national program that consolidates funding to collect elevation data using specific technology (LiDAR). New Mexico has been very fortunate to push together a collaborative team of federal, local, state, industry, and tribal participants that have amassed over \$25M in federal and local government funds that has realized a complete collection of the New Mexico. The EDPA is now retooling activities to include training in the use of these data for flood mitigation, wildfire prevention, infrastructure construction, and many other engineering uses. Native Nations will be a part of this activity.
  - **Cadastral, Boundary, and Geodetic Control (CBG):** Another Tribal Inclusive subcommittee that tracks administrative boundary alignments with tribes and incorporated areas. One ongoing issue is facilitating discussions on new tribal boundaries generated by the Bureau of Indian Affairs and the Bureau of Land Management with New Mexico Counties and incorporated areas.. An additional function of the CBG is assisting the NOAA National Geodetic Survey (NGS) in developing a new National Geodetic Control Datum that is specific to Tribal, State, and Local requirements. New Mexico together with Arizona and Utah supported with letters that the Navajo Nation be presented with their own Coordinate System that is inclusive of the entire nation. This formalization will



provide Navajo Nation with ease in mapping land use, infrastructure, and so on. In addition will allow the NGS to provide transformation coding that geospatial software companies will include within their applications. Lastly, the CBG is collaborating with the NM Professional Surveyors Association in providing a network of highly accurate benchmark stations that will support

- **Transportation:** The Transportation subcommittee continues to collaborate with all levels of government and tribes to provide an integrated fabric that includes the State Department of Public Safety Routable Network, the NM Department of Transportation ARNOLD Linear Reference System/Large-Wide Load Permitting System, and the NM911 Road Centerline File. All of these datasets include Tribal transportation features and active participation.
- **RGIS:** Though not a subcommittee, GAC supports the free delivery of geospatial data by the legislatively recognized Geospatial Data Clearinghouse named RGIS (Resource Geographic Information System). The online service provides free map data that is inclusive of tribal access.

Resources:

- GAC Website: <http://www.gac.state.nm.us/>
- Elevation: <http://www.gac.state.nm.us/subcommittees/elevation.html>
- Transportation: <https://www.gac.state.nm.us/subcommittees/transportation.html>
- Data Clearinghouse: <http://rgis.unm.edu>

## PLANNED ACTIVITIES

- **Department of Information Technology**  
The Department, directly and through its support of OBAE and the CNMC, will continue to provide advice, consultation, and identify collaborative opportunities towards improved Information Technology, Telecommunications, IT Planning, Broadband, and Geospatial Technologies.
- **New Mexico Broadband Program**
  - **Funding** – The Department will assist OBAE and the CNMC in the administration of federal and state funding that has recently been allocated for broadband planning, construction, and digital inclusion. In FY23, OBAE will deploy a *NM Broadband Grant Pilot Program* that initially will have \$123M of federal funds. This will be an application process available to NM Tribes. In addition, the legislature approved \$110M that includes \$70M to plan, design, engineer, construct, purchase, and equip broadband infrastructure. Another \$5M is available for planning and/or grant writing support. Also, \$25M is available to support broadband infrastructure for schools. All of the above funds are available to tribes. Details for the allocation of these funds are being developed.
  - **NM TAP:** The [NM Technical Assistance Program](#) (NM TAP) will be expanding with more funds and projects. The NM TAP provides broadband technical assistance to entities responding to a Request for Information (RFI). Currently, there are nearly ten projects in motion, yet not one of them includes a tribal entity. Once new funds are available the Department will reach out directly to Tribal Entities to submit a simple proposal.

- Call Center: The OBAE is currently negotiating the implementation of a Broadband Call Center that will assist the public inclusive of tribes for broadband support. This support will especially focus on federal subsidies to eligible families. A concerted outreach will target tribal members.
  - Training: The OBAE is investigating the funding of a Broadband Certification Program that will focus on Fiber Optic, Low Voltage, and Tower Climbing certifications.
  - Benchmark Data Series: The NMBBP is currently developing [County Series](#) of “Benchmark Data” in an interactive (InfoGraphic) environment. Once these are completed in August of 2022, we are planning to focus on Tribal Entities. Regardless, the County Series will include tribal data on Broadband, Demographics, and Health.
  - Broadband Coverage: The NMBBP is building County Specific Maps informing on broadband coverage by technology type and support materials that will include a list of [Internet Service Providers \(ISP\)](#) for each County. The NMBBP will create similar ‘layered PDF” maps for the Tribes. These will be located on the [NMBBP Website](#)
  - Other: Efforts will continue towards Tribal Public Schools and Libraries in acquiring Broadband Access and improving infrastructure as part of the Broadband for Education Initiative and the NM Tribal Libraries Program. The Department, through OBAE will coordinate with all Tribal Entities in connection with application and implementation of National Telecommunication Information Administration Broadband Equity, Access, and Deployment Program funding, which will directly support Broadband expansion in Tribal communities. As per state statute OBAE is required to develop a *Digital Equity Analysis and Plan* and a *Statewide Broadband Plan* inclusive of tribal entities. In addition, the Department will expand into supporting broadband capabilities within the Healthcare Communities that will include Tribal Clinics. For FY23 the Department continue to update the NM Broadband Online Map. Tribal capacities and requirements will be an important part of the mapping projects.
- **Geospatial Advisory Committee** (Funding: No direct funds to Tribal) – The NM GAC will continue engaging tribes to collaborate on elevation data acquisition, responding to the 2020 Census data requirements and analyses, creating a seamless statewide transportation network, and facilitating tribal boundary consultation efforts. The GAC is planning on engaging the tribal community in editing and updating hydrography (streams, waterbodies, conveyances, etc.) data. Lastly, the Department will engage the Southwest Indian Polytechnic Institute to participate in the development of a Tribal Subcommittee. Lastly, GAC will continue to participate in the annual TribalGIS conference hosted in Albuquerque and convenes tribes from all over the continent.
  - **NSGIC:** As Tribal Liaison to the National States Geographic Information Council that engages the National Tribal Geospatial Service Center whose membership represents the majority of tribes on the continent, the Department will continue quarterly meetings with a focus on national geospatial issues that include support for law enforcement in connection with missing and murdered indigenous woman.



- **NGAC:** The Department represents New Mexico in the National Geospatial Advisory Committee and resides on the Cultural Affairs Subcommittee that is assisting in defining federal policy to protect sensitive indigenous information.

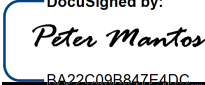
## V. TRAINING AND EMPLOYEE NOTIFICATION

The Department is continuing to notify, identify, and document those Qualified Employees who are required to attend the [Building Cultural Equity with Native Nations](#) training held at the State Personnel Office in compliance with the Tribal Collaboration and Communication Policy *DOIT-361-109-A, Section 5*.

## VI. KEY NAMES AND CONTACT INFORMATION

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Date: 7/29/2022