



Fiscal Year 2023
New Mexico Environment Department
IT STRATEGIC PLAN
September 1, 2021

Peter Street
Chief Information Officer

James C. Kenney
Cabinet Secretary

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EXECUTIVE SUMMARY

The purpose of the New Mexico Environment Department (NMED) is to protect and restore the State's environment, and to foster a healthy and prosperous New Mexico for present and future generations. Our vision is to foster a thriving and trusted, nationally leading organization known for protecting public health and the environment through its dedicated public servants.

Priorities for NMED include delivering excellent customer service to constituents and regulated community by providing access to timely, accurate, and secure information; facilitating the Department's ability to conduct business with the public, stakeholders and the regulated community, professionally and consistently; meeting the increasing demand for electronic data sharing and reporting requirements; and, partnering between Department business units and external stakeholders.

The NMED Office of Information Technology (OIT) is directing its solutions- and operations-oriented resources towards the fulfillment of these priorities via improvements to its user, network and systems support towards the utilization of modern information systems and information technology (IT) services; creating, implementing and maintaining reliable, secure data extraction and transport mechanisms; and, the design and development of augmented and enhanced IT services to facilitate and transform the business processes of the Department.

NMED OIT has accomplished a variety of substantive improvements this year. For example, we have filled several vacant key positions and implemented online payments for several bureaus and programs. We successfully transitioned the agency to a 100 percent telework paradigm under the duress of a short timeframe imposed by a global pandemic, while maintaining and even improving our cybersecurity stance via more frequent vulnerability scans and the implementation of an Application Program Interface (API) security and management platform. Additionally, we migrated the agency from a client-based to a cloud-based productivity suite and laid the groundwork for improved collaboration and document sharing. We initiated and funded an ambitious project to modernize an aging application infrastructure. Finally, we designed and developed a unique set of services to facilitate data access, data sharing and solutions development, and we improved and expanded the use and accessibility of our geospatial toolkit.

NMED's goals for Fiscal Year 2023 include: expanding and standardizing our use of cloud-based infrastructure according to best practices; implementing an effective risk-based control framework and conforming our methodology to be in concert with cybersecurity best practices; bringing our data governance, practices, and standards into a consistent state; and, improving the Department's insight and decision making via the use of our data and geospatial tools.

The challenges we face in meeting these goals include: integrating and formalizing best practices while migrating our existing functionality and services to the cloud; consolidating our server footprint to reduce our operating costs and migrating our on-premises servers to the cloud for improved application resilience and upgradeability; achieving the next level of cybersecurity via the implementation of regular penetration testing and the creation of plans for incident response and disaster recovery; creating a comprehensive data governance plan; and, continuing to discover and implement effective processes which improve tactical and operational efficiencies.

I. AGENCY OVERVIEW

A. AGENCY MISSION

Our vision is to foster a thriving and trusted, nationally leading organization known for protecting public health and the environment through its dedicated public servants.

Our mission is to protect and restore the environment and to foster a healthy and prosperous New Mexico for present and future generations.

B. AGENCY VALUES

- **Science:** Embracing the best available science to inform decision-making in support of our mission.
- **Innovation:** Employing creative engineering and technological solutions to address challenges.
- **Collaboration:** Engaging communities and interested stakeholders in decision-making outcomes.
- **Compliance:** Ensuring accountability with permits, rules while maintaining a fair and level playing field.

C. AGENCY DESCRIPTION AND ORGANIZATION STRUCTURE

NMED was created in 1991 as a cabinet-level regulatory agency under the authority of the Governor. The Cabinet Secretary, who is appointed by the Governor and confirmed by the Senate, is the Department's senior executive.

The Department's offices in Santa Fe, three district offices, and twenty field offices are listed below, and our NMED OIT organizational chart is listed in Appendix A:

NMED Main Office	Harold Runnels Building 1190 S. St. Francis Drive Santa Fe, NM 87505
Santa Fe Locations	Rodeo Plaza (Hazardous Waste Bureau and Petroleum Storage Tank Bureau) Marquez Plaza (Air Quality Bureau and Occupational Health and Safety Bureau) Montoya Building (Radiation Control Bureau) Camino Edward Ortiz Office (Environmental Health Bureau District 2 Office)

District Offices	District 1 – Albuquerque District 3 – Las Cruces		District 2 – Santa Fe	
Field Offices	Alamogordo	Española	Las Vegas	Roswell
	Albuquerque	Farmington	Los Lunas	Ruidoso
	Carlsbad	Gallup	Milan	Silver City
	Clovis	Hobbs	Raton	Taos
	Deming	Las Cruces	Rio Rancho	Tucumcari

II. NEW MEXICO ENVIRONMENT DEPARTMENT

A. VISION AND PRIORITIES

As stated in the Executive Summary, NMED OIT’s vision is to be a trusted technology advisor and partner with all NMED business units in supporting their core business processes in the most agile, cost-effective and secure manner while aligning information technology with agency strategic direction and maintaining IT standards and best practices.

Key departmental business drivers and priorities for IT systems and services include:

- **Delivering excellent customer service to constituents and regulated community** via the execution of core business processes enabling access to timely, accurate and secure information.
- **Utilizing modern information systems and IT services solutions** facilitating the Department’s ability to conduct business with the public, co-regulators and the regulated community professionally and consistently.
- **Meeting the increasing demand for electronic data sharing and reporting requirements** via reliable, secure data extraction and transport mechanisms.
- **Partnering with Department business units and external stakeholders** to engage NMED IT services to facilitate and transform the business processes of the Department.

For FY23, OIT will continue to focus on Agency IT Strategic Goals which are in alignment with NMED’s mission and strategic goals and the State of New Mexico IT strategic goals:

<p>Goal #1 – Cloud</p> <p>Identify and promote leading practices across NMED divisions and offices and build cloud solutions that incorporate them.</p> <p>Strengthen alliances between NMED divisions and offices to establish a consistent approach to cloud infrastructure and solutions.</p>
<p>Goal #2 – Cybersecurity</p> <p>Define roles, responsibilities and accountability for cybersecurity activities across state agencies and NMED divisions and offices.</p> <p>Enable an effective risk-based control framework to reliably manage state cybersecurity.</p>
<p>Goal #3 – Data</p> <p>Establish consistent standards, practices and governance.</p> <p>Establish and implement an adaptable Data Classification and Governance Policy and Data Management Plan.</p>
<p>Goal #4 – Geospatial</p> <p>Promote the use of geospatial resources to improve insight and decision making.</p> <p>Ensure geospatial data are current, accurate, open, interoperable and easy to access.</p>

B. IT ENVIRONMENT

1. Major Applications

NMED’s mission-critical applications broadly support the Department’s functions of licensing and permitting, inspections and enforcement, and data analysis, consolidation and review.

NMED has a current application inventory of over 100 applications and web services, of which the principal, mission-critical applications are identified in Appendix A. Unlike many agencies of similar size, NMED does not utilize enterprise-wide operational user applications except for TEMPO (Tool for EnvironMental Protection Organizations), a venerable legacy system. TEMPO is currently still partially in use by the NMED Air Quality Bureau (AQB) for some mission-critical needs not yet fulfilled by other, more modern applications still under development, and also partially by the NMED Ground Water Quality Bureau (GWQB) for tracking their permitting process and monitoring compliance of regulated entities. NMED OIT is primarily a custom-development shop utilizing mostly (but not exclusively) Java and PHP development languages, as the needs of NMED’s programs and bureaus are often complex and unique in terms of both data and process flow, and the funding model supporting the bureaus is likewise complex and unique with many constraints.

2. Infrastructure

NMED maintains a Wide Area Network (WAN) that connects the offices throughout New Mexico. Standards for infrastructure components such as network equipment, servers, printers, software and client devices are maintained to support the business needs of NMED staff. NMED leverages the use of the Department of Information Technology (DoIT) Data Center in Santa Fe for a secure and reliable environment for NMED servers. NMED maintains a hyper-converged virtual server hosting and storage platform to meet the computing and storage needs of the organization.

The Department's virtual server infrastructure, which hosts the Department's managed file server (File Depot), is backed up regularly by an enterprise backup solution. The hyper-converged storage solution that hosts the virtual server infrastructure retains snapshots of virtual servers. File Depot is backed up nightly by additional enterprise backup software and these backups are retained on disk for one month. Weekly backups of File Depot are retained on tape for three months.

NMED data is managed using three different relational database management systems (RDBMS). The bulk of our data is stored and maintained using the Oracle RDBMS. Other data management systems used by NMED include Microsoft SQL Server and MySQL.

Details on the NMED infrastructure are provided in the table in Appendix B and the architectural diagram in Appendix C.

3. Security

NMED continues to maintain security as an agency priority. Our virtual private network (VPN) capabilities have been expanded substantially and with complete success to accommodate work-from-home requirements dictated by the pandemic. We are continuing with the DoIT-sponsored RiskSense vulnerability testing on an ongoing basis. NMED is in the process of leveraging our Google Apigee API Management platform to ensure application security at a core API-access level.

4. Agency IT Projects

The Enterprise System Modernization Initiative (ESMI) aligns with the agency value of innovation, employing creative engineering and technological solutions to address challenges. ESMI also aligns with the agency value of collaboration by engaging communities and interested stakeholders in decision-making outcomes.

PROJECT NAME	
Project Description	Enterprise System Modernization Initiative (ESMI)
Estimated Project Costs	\$1,580,500 total appropriated for entire project
Current Funding	\$500,000
Certified Project Phase	Initiation
Estimated Completion	July 2024
Strategic Priority	1

TABLE II.1: Current Certified IT Projects

5. Challenges

NMED’s desktop productivity suite has been migrated from on-premises servers to cloud services. While the first step to standardize cloud services has been completed, cloud best practices, governance and standards are current opportunities for improvement. Developing integration best practices when migrating existing functionality and services to Platform as a Service (PaaS) and Software as a Service (SaaS) is a challenge that NMED must address and document. Continued consolidation and migration of on-premises servers to the cloud is necessary to ensure NMED’s modernization.

Application, network and server cybersecurity is supported by monthly vulnerability scans. These scans ensure we are prepared to mitigate known attacks. On the other hand, NMED must take the next step on our journey to cybersecurity maturity. Penetration testing, incident response plans and disaster recovery plans are the next major milestones NMED must complete to ensure a secure computing environment.

Migration to cloud computing and improved cybersecurity initiatives are focused on working on a more secure network. The underlying data at rest and transiting the network should be encrypted and requires standardization. Encrypting and standardizing NMED’s data involves creating a comprehensive data governance plan.

NMED’s Geographic Information System (GIS) Section is migrating to ESRI’s cloud environment and implementing Extract-Transform-Load (ETL) software. These migration and implementation efforts facilitate better utilization of high-quality GIS data. Utilizing data on ESRI’s cloud platform allows NMED’s mission-critical programs to self-publish dashboards and web maps. The recommended GIS standardization improvements include developing data update, quality and control processes as well as socializing publishing process and workflow best practices.

III. FY21 KEY ACCOMPLISHMENTS

A. FY21 STRATEGIC IT ACCOMPLISHMENTS

STRATEGIC PRIORITY 1 – CLOUD	
To update application and web hosting infrastructure services	
FY21 Strategy 1	Desktop Productivity Suite
Accomplishments	We migrated the entire agency from O365 to M365.
Outcomes/Metrics	100% of licenses migrated
FY21 Strategy 2	PaaS and SaaS
Accomplishments	We acquired licenses for the Microsoft Power Platform and public portal.
Outcomes/Metrics	22 licenses acquired for Power Platform, along with 10,000 page views per month portal
FY21 Strategy 3	Servers

Accomplishments	We commissioned and provisioned SharePoint and OneDrive.
Outcomes/Metrics	100% of staff granted access, all bureaus given a SharePoint microsite and training

STRATEGIC PRIORITY 2 – CYBERSECURITY

Improve NMED’s application, network and server security stance

FY21 Strategy 1	Applications
Accomplishments	We implemented an API management platform for production environment.
Outcomes/Metrics	100% complete implementation
FY21 Strategy 2	Vulnerability Scans
Accomplishments	We transitioned from quarterly to monthly vulnerability scans.
Outcomes/Metrics	300% increase in vulnerability security scans

STRATEGIC PRIORITY 3 – DATA

To leverage our data through consolidation, ensuring data integrity and improved sharing capabilities

FY21 Strategy 1	Consolidation
Accomplishments	We began consolidation of our application data input/output via instantiation of API-based data access via tools we created and implemented for this purpose.
Outcomes/Metrics	Streamlined and standardized data access for application development and other uses
FY21 Strategy 2	Integrity
Accomplishments	Improved Petroleum Storage Tank Bureau (PSTB) data quality, COVID rapid response data quality and AQB DR.DAS data transmission
Outcomes/Metrics	N/A
FY21 Strategy 3	Sharing
Accomplishments	Implemented API
Outcomes/Metrics	33 APIs instantiated

STRATEGIC PRIORITY 4 – GEOSPATIAL

Using accessible high integrity data and mapping to tell easy to understand stories about the State of NM environmental status

FY21 Strategy 1	Accurate
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Accomplishments	Improved PSTB GIS data and maps
Outcomes/Metrics	Updated all National Hydrography Dataset (NHD) data to reflect NHD Plus-HR (value-added high-resolution base data). Updated all Census base data and address locator to latest published 2020 data.
FY21 Strategy 2	Data Sharing
Accomplishments	Instantiated APIs to improve data sharing for the Water Data Act, referencing main city and state by ZIP codes, and locating parcel locations by Universal Parcel Code (UPC).
Outcomes/Metrics	8 APIs instantiated
FY21 Strategy 3	Improve Insight
Accomplishments	Provided a GIS dashboard app for PSTB to support decision-making and legislative testimony. Provided a GIS dashboard app for Constructions Program Bureau (CPB) to oversee and manage Loans and Grants Tracking System (LGTS) projects.
Outcomes/Metrics	Two new dashboard media apps created at the request of the bureaus. Improved the ability for PSTB to make data-driven decisions and provide timely legislative testimony. Improved CPB project management & oversight.
FY21 Strategy 4	Expand Access
Accomplishments	GIS Section enabled geoscientists in media bureaus to self-publish web maps or dashboard apps. Geoscientists can now support efforts such as per- and polyfluoroalkyl substances (PFAS) education and remediation internally. GIS Section staff can now create more direct data update channels for such data as ambient air and excess emissions on the public web maps.
Outcomes/Metrics	Added five new Creator level licenses for Esri's cloud environment. Added two new floating licenses for an ETL software called FME Desktop for GIS Section staff.

TABLE III.1: FY 2021 Strategic IT Accomplishments

B. OTHER KEY IT ACCOMPLISHMENTS – FY21

APPLICATION	
Accomplishment	Developed and supported processes, programs and informational dashboards for NMED-OSHA's COVID-19 Rapid Response and PED's COVID-19 School Closure.
Value or Impact	Protected the health and saved lives of New Mexicans by mitigating the spread of COVID-19 in New Mexico schools and workplaces. Provided valuable, real-time information to the public.
Accomplishment	Released the Universal Data API (UDAPI)
Value or Impact	UDAPI allows NMED to quickly stand up data API endpoints using only a single small configuration file for each new endpoint. These endpoints can be set to perform any database function of Create, Read, Update or Delete, and then can be used for multiple purposes such as sharing data, modernizing legacy applications, and more rapidly creating new solutions. This tool has been leveraged heavily by recent functional enhancements to legacy air quality and petroleum storage tank

	applications, considerably reducing the required development time for these improvements and concomitantly reducing contractor costs.
DATA	
Accomplishment	Released Excel API (XLAPI)
Value or Impact	XLAPI provides a means to utilize spreadsheets as data sources that can be queried in a similar fashion to a relational database, regardless of the complexity or unique formatting of the underlying spreadsheet. Data returned from the procedure is coded as a JSON payload. This tool opens up a means of using any spreadsheet data in an actionable fashion for solution development and was instrumental in standing up NMED's COVID-19 Watchlist in the fall of 2020.
Accomplishment	Released the Universal Data Service (UDS)
Value or Impact	UDS provides a means to invoke and execute Oracle Stored Procedures directly via API call, regardless of the number or type of the input parameters or return values of the specific stored procedure. Any data returned from the procedure is coded as a JSON payload. This vastly simplifies application utilization of NMED's Oracle Database and thereby speeds solution development. This tool made possible the development of the UDAPI.
PROCESS IMPROVEMENT	
Accomplishments	Implemented DocuSign
Value or Impact	Automated routing for external facing documents
Accomplishments	Implemented Human Resources Bureau (HRB) Digital Routing
Value or Impact	Transitioned from paper-based process to digital approval and routing
Accomplishments	Implemented Online Payments for CPB, PSTB, and the Environmental Health Bureau (EHB)
Value or Impact	Reduced labor for payment processing, improved customer service experience
WORKFORCE	
Accomplishments	Filled the positions of Chief Information Officer (CIO), Solutions Group Lead, Ops Group Lead, Client Support Section (CSS) Lead
Value or Impact	Improved operational capacity
CUSTOMER SERVICE	
Accomplishments	Implemented online payments
Value or Impact	Facilitated online payments; increased constituent convenience
Accomplishments	Established Repairs and Spares equipment pool
Value or Impact	Reduced response time to providing excellent customer service to NMED staff
TELEWORK	
Accomplishments	Continued to support the agency while under 100% mandatory telework
Value or Impact	Allowed NMED to continue supporting the mission throughout the pandemic

SECURITY	
Accomplishments	Transitioned from quarterly to monthly cybersecurity scans
Value or Impact	Improved vulnerability visibility and incident prevention

TABLE III.2: Other Key IT Accomplishments – FY21

IV. FY 23 IT STRATEGIC GOALS AND STRATEGIES




STRATEGIC PRIORITIES	
Goal Statement	
FY23 Strategy 1	Modernize Cloud
Outcomes/Metrics	Expand, update and refresh technology and organizational practices to keep up with the accelerating pace of technological advancement and support New Mexico to adopt and leverage the most modern technologies
FY23 Strategy 2	Standardize Cybersecurity
Outcomes/Metrics	Establish consistent standards, practices and governance across the Department to help implement new IT products and services while providing technical and strategic direction.
FY23 Strategy 3	Standardize Data
Outcomes/Metrics	Establish consistent standards, practices and governance across the Department to help implement new IT products and services while providing technical and strategic direction to allow them to accomplish more with less
FY23 Strategy 4	Standardize GIS
Outcomes/Metrics	Standardize GIS data editing, publication, and sharing. Esri’s Enterprise Portal system allows non-GIS-professionals to publish web maps and simple no code apps. Fulfill NMENV’s commitment to the Water Data Initiative via sharing water data compliant with the SensorThings API format. Create schema translation workflow to move GIS data from our U.S. Environmental Protection Agency (EPA)-provided State SDWIS app to a FROST server provided by the New Mexico Bureau of Geology and Mineral Research

TABLE IV.1. FY23 IT Strategic Goals and Strategies

V. IT FISCAL AND BUDGET MANAGEMENT

A. IT OPERATING BUDGET (C1)

FY23 Budget Request C1 Form

Information Technology Base Operating Budget Informational Purposes Only					
Agency Name:	Department of Environment	Agency Code:	66700		
Appropriation Funding Type:	<u>Base Request Operational Support of IT</u> Please check one of the options below: (X) Flat Budget or Expansion from previous year				
Revenue IT Base Budget (dollars in thousands)					
	FY20 Actuals	FY21 Actuals	FY22 OpBud	FY23 Request	FY24 Estimate
General Fund	1,778.6	1,676.9	1,248.8	1,933.00	1,933.00
Other State Funds	0.0		72.7	99.70	99.70
ISF/IAT	2,173.0	3,104.2	3,344.0	3,095.30	3,095.30
Federal Funds	1,937.9	1,662.9	2,142.5	2,159.00	2,159.00
Total	5,889.5	6,444.0	6,808.0	7,287.0	7,287.0
Expenditure Categories (dollars in thousands)					
Category or Account	FY20 Actuals	FY21 Actuals	FY22 OpBud	FY23 Request	FY24 Estimate
Description					
Personal Services & Employee Benefits	2,769.6	2,842.5	2,831.1	2,939.0	2,939.0
Contractual & Professional Services	1,055.7	1,085.5	2,150.6	1,876.7	1,876.7
IT Other Services	2,064.2	2,516.0	1,826.3	2,471.3	2,471.3
Other Financing Uses	0.0	0.0	0.0		0.0
Total	5,889.5	6,444.0	6,808.0	7,287.0	7,287.0
	Agency Cabinet Secretary/Director (mandatory)	CIO or IT Lead (mandatory)		Budget Director (mandatory)	
Print Name	James Kenney	Peter Street		Heather Toya	
Signature	 <small>Digitally signed by James Kenney Date: 2021.09.01 09:56:54 -0600</small>	 <small>Peter Street 2021.09.01 13:31:40 -0600</small>			
Phone	505-470-6161	505-670-4494		505-699-9176	
Date	8/31/2020	8/31/2020		8/31/2020	
Email address	James.Kenney@state.nm.us	Peter.Street@state.nm.us		Heather.Toya@state.nm.us	

* Includes all Dolt Line Items (535600, 543820, 543830, 544000, 545700, 545710, 546610, 548300), PS&EB for all IT Staff, and all costs for IT Division.

TABLE V.1: Example C1 Form

VI. CAPITAL IMPROVEMENT, SPECIAL AND SUPPLEMENTAL FUNDING AND COMPUTER SYSTEM ENHANCEMENT (C2) FUNDING

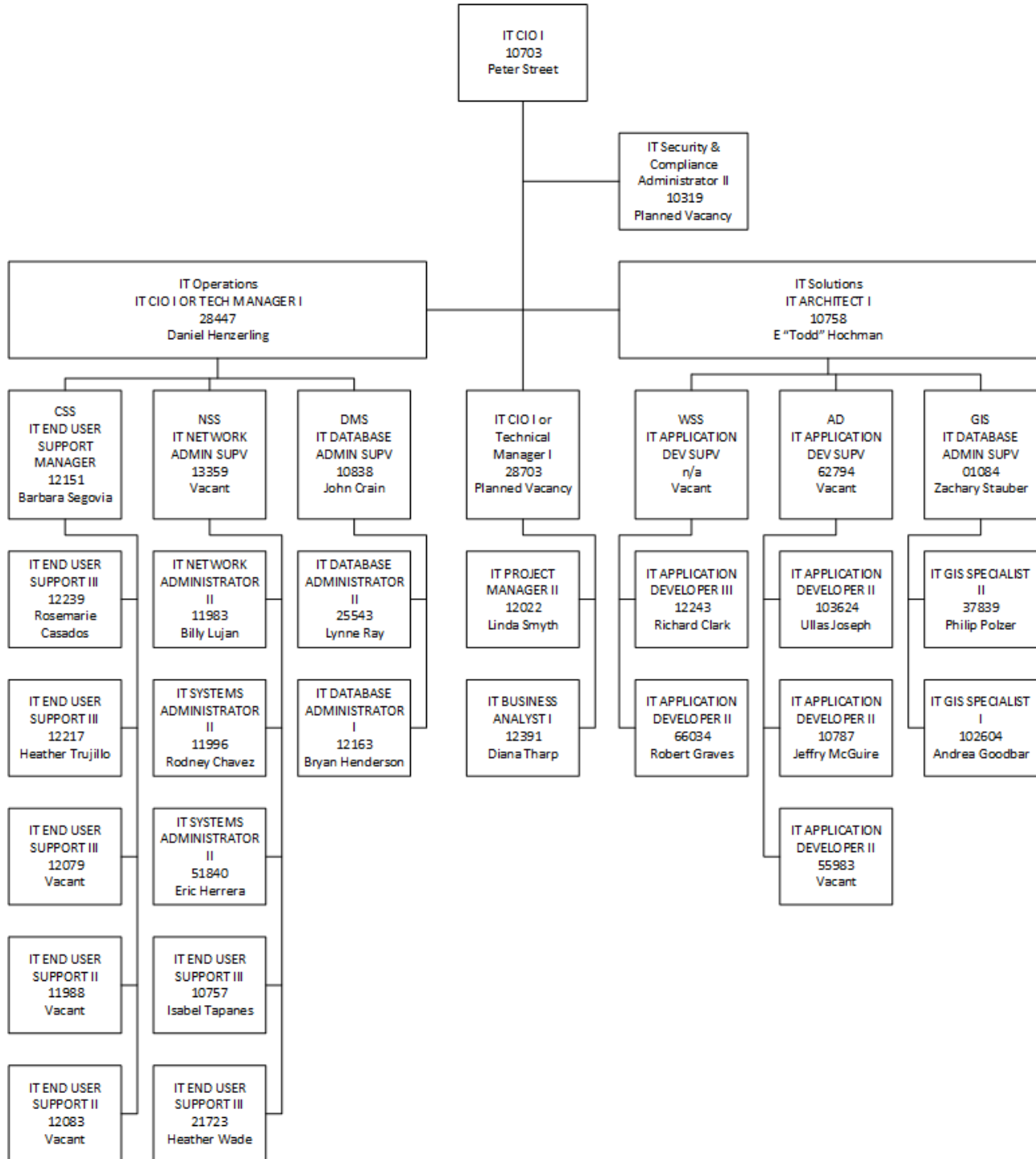
This project is intended to convert NMED's paper applications, certifications, inspections, licenses, permits and regulations into digital documents. The paper documents to digital files project will integrate with the current ESMI certified project. This request is for \$2,000,000.00. It is estimated that the project will be completed in FY24. This proposal will relieve NMED's programs from storing paper on the premises, as well as managing, searching, and referencing the paper files. Additionally, this project will save time, money and effort so staff can focus their efforts on supporting New Mexico.

A. REQUEST FOR REAUTHORIZATION OF C2 APPROPRIATIONS

The agency is not requesting reauthorization of prior C2 appropriations.

APPENDIX A – ORGANIZATION CHART

New Mexico Environment Department
Office of Information Technology
2021.08.21 Current Organization Chart



APPENDIX B – MAJOR APPLICATIONS

APPLICATION NAME	FUNCTIONALITY/BUSINESS PROGRAM SUPPORTED
Agency Mission-Critical Applications	
ENTS - Environment Notification Tracking System	Agency-wide and public-facing intake tool for receiving and tracking environmental issues/incidents
ReportLaunchR interface and ReportR Service	URL-based report generation service
Resource Space	Agency-wide Digital Asset Management tool
SEP - Secure Extranet Portal	Agency-wide centralized authentication portal for application access
Shared CROMERR Services Interface (SCSI) and associated management interface - CROMERR Services Identity (CSI)	Agency-wide service and administrative console for quickly and easily achieving EPA CROMERR compliance for applications subject to that rule
NMED Exchange Node	Data transport software for department environmental data required to be sent electronically to the EPA Exchange node
Bureau Mission-Critical Applications	
Air Emission Inventory Reporting (AEIR)	Means for regulated community to submit the inventory of their air emissions to NMED AQB - Emission Inventory Section
Air Emissions Analysis Tool	Map-based interface for retrieving Title V facility greenhouse gas and criteria pollutant emissions data submitted to NMED AQB - Emission Inventory Section
APMAP (Air Permitting Mapping Tool)	Map-based user interface and data service for accessing facility data on AQB regulated sources
AQB SMPD	Public-facing tool for registering planned/prescribed burns and reporting wildfires to AQB Smoke Management Program
AQBCR - AQB Compliance Reporting	Means for regulated community to submit excess emissions reports and for AQB Compliance and Enforcement section to review these reports
AQB ePermitting Portal	Means for regulated community to submit permit applications and for AQB staff to review and process these
CAF - Corrective Action Fund & Site Prioritization module	Allows PSTB to prioritize release remediation efforts and track remediation projects
Drinking Water Bureau (DWB) Certification	Tracks water system board member certification training to ensure that candidates are qualified to be able to sit on a Water System Board (DWB)
DWB Utility Operator Certification Program suite (UOCP)	Tracks utility operator certification for drinking water system operators (DWB)
ENVIEW / Envista	Provides data collection and analysis for remote AQB air quality monitoring stations
GL Solutions - Integrated Electronic Data Management	Comprehensive application to support permitting, inspections, invoicing, payments and reporting for EHB food, liquid waste, swimming pool and spa programs

and Inspection System (IEDMIS)	
GoNM	Calculates risk of petroleum tanks to leak and the magnitude of damage based on inspection data, using a map-based interface, for PSTB
LGTS - Loans and Grants Tracking System	Tracking tool for water infrastructure projects funded by federal and state loans and grants (CPB)
MIRPT (Magnetic Imaging Radiation Therapy Program)	Tracking tool for licensing and training for radiation equipment operators for Radiation Control Bureau (RCB)
NPDES – National Pollutant Discharge Elimination System	Tracks inspection & facility data for Point Source Regulation Section of Surface Water Quality Bureau (SWQB)
OneStop - Tank Inspections	Tracking tool for underground storage tanks including licensing, facilities, inspections, operator information (PSTB)
Radiation Control License Tracking System	Legacy tracking tool for inspections, licensing and facility data for RCB; pending replacement
SDWIS - Safe Drinking Water Information System (suite of several related applications)	Tracks compliance of public water systems and submits data on those systems to EPA through the NMED node (DWB)
Solid Waste Certification, Inspection and Enforcement System	Tracks solid waste operator certifications, facility inspection and enforcement actions (Solid Waste Bureau)
SQUID – Surface Water Quality Information Database; includes modules for Monitoring and Assessment, Wetlands, and ATTAINS	Tracks sampling projects, inspections, sample data and other SWQB business processes
TEMPO – Tool for EnvironMental Protection Organizations	Venerable legacy tool in use for several mission-critical business processes by several bureaus; pending replacement
Underground Injection Control (UIC)	Tracks underground injection sites, monitoring wells & inspections for GWQB