

FY2015 IT Plan Highlights

516 NMDGF – New Mexico Game and Fish

Executive Summary:

1. The Information Technology (IT) activities that the New Mexico Department of Game and Fish (NMDGF) will undertake in State Fiscal Year (FY) 15 to support, maintain, and advance its business goals and objectives.
2. Recognizing the value of centralized IT services and has consolidated all of its IT services with the Information Systems Division (ISD). The Department will act lively pursue opportunities to further its participation in enterprise consolidation initiatives as outlined in the State of NM's FY2014-FY2016 IT Strategic Plan.
3. NMDGF stores this program and resources management data in electronic databases that support research, analysis, management, and enforcement of NM's fish, wildlife, and natural resources. Much of this information has historical value and is governed by statutes and rules that determine their retention schedule.

Agency Vision:

Objective and balanced conservation programs to benefit the full range of wildlife species and habitats statewide

Agency Description:

1. The State Game Commission is established by rule under the New Mexico Statutes Annotated 17-1-2 NMSA 1978. A seven member State Game Commission is appointed to carry out the purpose of Chapter 17 and all other acts for like purpose.
2. The Information Systems Division (ISD) houses the Department's 14 IT staff and provides centralized services for 300 employees, numerous external partners / stakeholders, and hundreds of thousands of external customers in technical service specialties
3. The Department's primary funding source is the Game Protection Fund, which is in turn primarily funded by the sale of sport hunting and fishing licenses. The Department also receives funding from various Federal grants. The Department budgets expenditures based on projected license sales and statutory requirements, while managing the State's natural resources and providing quality service to sportspersons.
4. The Department collects a wide array of population count, harvest rate, disease, law enforcement, and geo-spatial information, and actively shares this information with broad groups of constituents, including state and federal agencies, educational institutions, private organizations and the public.

Major IT Accomplishments of FY13:

- Web-based vendor license sales
- Law Enforcement (LE) citations, case reports and revocations integration
- Private Land Use System (PLUS)
- Business Systems Development, Maintenance, and Upgrade
- License Sales, Accounting, Online Application, and Hunt License Drawing Systems
- Harvest Management Systems

Changes in Federal or State of New Mexico Requirements with IT Impact:

HB 186 - The State Legislature passed this bill during the 2013 Legislative Session. The Governor signed the bill in March 2013, and the legislation will take effect on 01 July 2013. This legislation amends Chapter 17 to add Oryx to the list of species for which veterans who are enrolled in a rehab program that involves hunting may purchase resident licenses.

Agency IT Strategic Goals:

- Goal 1: Monitor NMDGF's IT resources to ensure compliance with state and NMDGF initiatives.
- Goal 2: Provide IT resources for the NMDGF to conduct operations in the enforcement of laws, managing resources and habitats, and providing public outreach programs.
- Goal 3: Provide IT resources for the NMDGF to conduct operations in managing and conserving wildlife resources and associated habitats.
- Goal 4: Provide IT resources for the NMDGF to conduct operations in supporting wildlife depredation and nuisance abatement.
- Goal 5: Provide IT resources for the NMDGF to conduct operations in their management and administration of NMDGF business processes.

Project:

- Storage - Replace local server storage with Network Attached Storage (NAS) using RAID5 and clustering the storage for failover in FY15.

- Online Sales Systems - Application used by the public to purchase NMDGF licenses and apply for draw hunts in FY14-FY17.
- Web Based Vendor License Sales App - Application used by vendors to sell NMDGF licenses. Replaced Oracle in FY15.
- Address PCI compliance requirements by identifying systems, documentation, and processes not being PCI compliant and make necessary modifications (e.g. OS/application tools upgrades, more stringent policies, etc.)

Joint Funding Opportunities:

Email / Electronic Records Archiving, Retention, & Management - Continue to work with DoIT, SRCA, and other enterprise stakeholders to explore a comprehensive, centralized Electronic Records / Enterprise Content Management System that will address email as well as other electronic archiving and retention needs.

Staffing Gaps and Recruitment:

- Database administration
- FTE for Systems Management
- FTE for applications Project Management and supervision

IT Staff Training Plans:

- MySQL
- Zend / PHP
- Apache
- Windows Server 2012
- MS Systems Center
- Windows 7 and 8
- VMWare