

FY2015 IT Plan Highlights

790 DPS– New Mexico Department of Public Safety

Executive Summary:

1. Information Technology (IT) advancements have been at the center of a conversion in how law enforcement and criminal justice operate — and transformed the efficiency, convenience, and effectiveness with which it serves its customers.
2. At Department of Public Safety (DPS), the IT Division manages, provides and maintains technologies that make it easier for our clients (Courts, Cops and Corrections) and citizens to interact with DPS, save taxpayer dollars, and streamline citizen participation
3. The New Mexico (NM) DPS is replacing the existing Computer Aided Dispatch (CAD) system and desires to complete the CAD system with an integrated Records Management System (RMS). CAD is a core DPS system that provides State Police and other Law Enforcement Agencies (LEAs) real-time information in the police units. CAD is used to dispatch 911 calls out to the officers, map the call location in the dispatch center, provide Automatic Vehicle Location (AVL) for officers in the field, and provide National Crime Information Center (NCIC) access within the application.
4. The NM state and local Law Enforcement community currently needs an effective method to identify arrestees. Effective identification is critical to officer safety and to improve the efficiency of processing information and people. Building on the Automated Fingerprint Identification System (AFIS), the addition of a fast, correct identification method is a capability available with current, fielded technology.
5. DPS has successfully field tested several handheld identification units and desires to expand on the success of this pilot project to assist all of State and Motor Transportation police in fast, correct identification of individuals.

Agency Vision:

Is committed to providing the highest quality of public safety services for the State of New Mexico and its law enforcement community

Agency Description:

The purpose of the DPS Act (9-19-1 NMSA 1978) is to establish a single, unified department to consolidate state law enforcement and safety functions in order to provide better management, real coordination and more efficient use of state resources and manpower in responding to New Mexico's public safety needs and problems, and to improve the professionalism of the state's law enforcement and investigative functions and personnel.

Major IT Accomplishments of FY13:

- Virtualize Data Center
- Server Refresh Project - Purchased HP Blade Server, replaced aging VMware servers.
- Upgrade to Oracle 11i
- Active Directory (AD) 2008 Upgrade
- Network Equipment - Replaced Core Firewalls and Routers
- Refresh Radio IP Replacement
- EMC Vnx - Replaced end-of-life NAS and SAN

Infrastructure Services – Plans to Expand:

- CAD Computer Aided Dispatch
- NMCJIS New Mexico Criminal Justice Information Systems
- In-Car Computers
- Digital Video Recorders (In-Car)

Business Applications Services – Expand and Enhance

- New Mexico Law Enforcement Telecommunication System (NMLETS)
- New Mexico Criminal Justice Information System (CJIS)
- Computer Aided Dispatch (CAD)
- Automated Fingerprint Identification System (AFIS)
- DPS Database
- Concealed Carry Weapons (CCW)
- Law Enforcement Automated Data Service (LEADS)
- Fast ID

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

- Two-Factor Authentication – Department of Justice (DOJ) / Federal Bureau of Investigation (FBI) - Complete the roll-out of Columbitech in all mobile computers; additional IT staff required.
- Uniform Crime Reporting (UCR) – electronic submission - Implement an FBI approved electronic submission process; additional IT staff required.
- Rap-Back Application - Provides notifications to agencies of employees, who require fingerprint verified background checks, of any arrest activity.
- VINE (Victim Information and Notification Every day) - Allows victims of crime to be notified when the perpetrator is released from a corrections system facility.
- Applicant Fingerprinting as a Service - Collaborative effort between NM DPS and the Department of Health (DOH); 36 locations throughout the state will provide applicant fingerprinting services.

Agency IT Strategic Goals

Goal 1: Improve the quality and availability of criminal justice data provided to the statewide law enforcement community.

Joint Funding Opportunities:

- CJIS (CCH) - Local Law Enforcement Agencies, NM Courts, NM Corrections Department; criminal justice agencies
- Forensic and Evidence Management - NM Courts, Local Law Enforcement Agencies
- Traffic Records Repository - Local Law Enforcement Agencies, Department of Transportation, NM Courts, NM Tax and Revenue Department.
- Court Integration (Planning Phase) - NM Courts
- FAST ID - Local Law Enforcement Agencies, NM Courts, NM Corrections Department, Criminal Justice Agencies, and Children, Youth and Families Department, Public Education Department - Local Law Enforcement Agencies, NM Courts, NM Corrections Department, Criminal Justice Agencies, and Children, Youth and Families Department, Public Education Department.
- VINE (Victim Information and Notification Every day) - Cops, Courts and Corrections
- Applicant Fingerprinting as a Service - Any agency mandated to have a fingerprint background check of their employees, i.e. schools, health care, cops, courts and corrections, etc.

Staffing Gaps and Recruitment:

- Web Application Administrator (WAA)
- Helpdesk
- UNIX / Windows Administrator
- Network Engineer (Security)
- Storage Area Network (SAN) support
- Web Developer / Master

IT Staff Training Plans:

- Oracle WebLogic Server: System Administration and Monitoring and Performance Tuning
- Oracle Developing Applications for the Java EE 6 Platform and Web Services Using Java Technology, Java EE 6
- Java Programming: A Comprehensive Hands-On Introduction (Course 471)
- Building Java Enterprise Application with Design patterns: Hands-on (Course 318)
- Developing Java Web Applications: Hands-on (Course 570)
- Oracle WebLogic Server 11g: Administration Essentials, Advanced Administration Diagnostics and Troubleshooting
- Comp TIA A+ Certification
- Virtualization Software (VM Ware)
- Security Training
- Microsoft Server 2008 / Microsoft SQL Server
- Juniper IVE / SA6500 / Juniper ISG 1000
- Advanced Cisco Internetworking
- Learn in the Real World: Update Your Skills to MS Srvr 2008
- Mastering Critical Internetwork Technologies
- PowerShell for Administrators
- CompTIA A+ Certification - Essentials, Practical Application and Network+ Certification (2009 Objectives)