

FY2015 IT Plan Highlights

795 DHSEM – Department of Homeland Security and Emergency Management

Executive Summary:

1. The Department of Homeland Security and Emergency Management leads statewide efforts in protecting life, property, and the environment from all threats and hazards within the State of New Mexico. The Department manages and coordinates preparedness, mitigation, response, recovery, protection & prevention, and safe border programs for all emergency management, public safety, and homeland security stakeholders.
2. The Department's Information Technology (IT) Plan focuses technical effort in support of the Department's mission and objectives through two strategic IT goals: Improve Network, Computer Security, Deploy, Maintain, and Enhance Business Applications.
3. Implementation, maintenance, and upgrade of IT hardware, software, and configuration resources in support of the following agency goals.
4. MB3 Public Assistance tracking system to provide a centralized means to track the receipt and disbursement of Federal disaster recovery funds (Initiation / Planning Phase).

Agency Vision:

To develop and maintain partnerships with all stakeholders to realize a more resilient New Mexico

Agency Description:

1. The New Mexico Office of Emergency Management was first created in 1959 as the Civil Emergency Preparedness Division (CEPD) of the Office of Military Affairs. The State Civil Emergency Preparedness Act re-defined the purpose and function of the Division.
2. The Governor's Office of Homeland Security was created in 2003. The Office worked in conjunction with the Department of Public Safety's Office of Emergency Management. During the 2007 legislative session, the two offices were joined to create the cabinet level agency of the Department of Homeland Security and Emergency Management. Today, the Department of Homeland Security and Emergency Management leads the State's response to emergencies and disasters while providing for the safety and welfare of its citizens. Emergencies and disasters can be defined as something caused by natural or human-made events or any other circumstances determined by the Governor.

Major IT Accomplishments of FY13:

- Enhance HVAC capabilities within the NMASIC secure room
- Public Assistance tracking system
- Implemented needs-based justification for laptops
- Encrypted all DHSEM laptops
- Server virtualization and network upgrade
- Implemented IT security training

Infrastructure Services – Plans to Expand:

- Business Continuity - the planning, design, implementation, and management of IT business resumption and continuation processes including disaster mitigation / recovery, backup / restore, and system redundancy / fail-over for critical business and resource/information infrastructure.
- Change Management - the multi-tiered flexible protocol for controlling and implementing changes to the production environment by progressing through agile iterations of development, testing, scheduling; planning (test, implementation, and back-out / roll-back), and integrated end-user feedback.
- Infrastructure Management - the design, planning, purchasing, installation, configuration, control, and troubleshooting of Wide Area Network (WAN), Local Area Network (LAN), internetwork devices, servers, and related technologies.
- Project Management - the agile & adaptive process of controlling the planning, design, development, implementation, and successful completion of multiple, simultaneous IT activities.
- Quality Assurance - the process of reviewing, reporting upon, and recommending improvements to existing and proposed IT infrastructure, projects, initiatives, processes and procedures
- User/Desktop Support - the installation, configuration, control, troubleshooting, and supervision (FTE and/or contractor) of end-user hardware, software, and peripheral operations

Business Applications Services – Expand and Enhance:

- Business Continuity - the planning, design, implementation, and management of IT business resumption and continuation processes including disaster mitigation / recovery, backup / restore, and system redundancy / fail-over for critical business and resource/information applications

- Change Management - the multi-tiered flexible protocol for controlling and implementing changes to the production environment by progressing through agile iterations of development, testing, scheduling; planning (test, implementation, and back-out / roll-back), and integrated end-user feedback
- Project Management - the agile & adaptive process of controlling the planning, design, development, implementation, and successful completion of multiple, simultaneous IT activities

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

DHSEM will not receive an Executive Order to conduct its own network threat mitigation. Threat mitigation funds will flow through DoIT.

Agency IT Strategic Goals:

- Goal 1: Improve Network and Computer Security
- Goal 2: Deploy, Maintain, and Enhance Business Applications

Joint Funding Opportunities:

Email / Electronic Records Archiving, Retention, & Management – DoIT, SRCA, and other enterprise stakeholders who express interest in a comprehensive, centralized Electronic Records / Enterprise Content Management System

Staffing Gaps and Recruitment:

Advanced Network and Security Administration

IT Staff Training Plans:

Network, PC, and Security administration