

FY2015 IT Plan Highlights

508 NMLB – New Mexico Livestock Board

Executive Summary:

1. The priority for fiscal year (FY) 2015 is maintaining and strengthening existing systems and continuing to develop systems in-house that support the agency's mission. We have one principal system developed by a vendor for which we maintain an annual maintenance contract and for which we supply a help desk and end user support, and we have numerous systems developed and supported by our IT personnel.
2. Approximately 60 inspectors in the field, all equipped with ToughBooks, printers, GPS readers and digital cameras, and another 20 employees in the office interacting throughout the day with our various databases and productivity tools, our systems for data exchange over the less-than-stable broadband available in rural New Mexico (NM) are both robust and mission critical.
3. Back-end is a VMWare environment with Microsoft Windows servers, and our databases are Filemaker and MS SQL. We have recently increased the capacity of this server environment, and do not anticipate needing further capacity increases or upgrades on the back end of our production environment in FY2015.
4. Three full time IT employees supporting these systems development, data capture, exchange, transformation and reporting challenges as well as all server, network, VMWare, SAN and end user support tasks. We anticipate that this staffing level will continue to be adequate for FY2015.
5. Do intend to redeploy an existing storage array which will have been replaced as a production storage array in FY2014 to be used as an off-site backup array. Anticipate possibly needing to upgrade the capacity of this backup array for this planned FY2015 off-site migration, and any costs associated with housing this array will be a new ongoing cost for us.

Agency Vision:

The livestock industry moves its product safely into, out of, and around our state in a manner that protects law-abiding producers from theft or loss, prevents the introduction or spread of communicable diseases, and keeps the resulting food supply safe for consumers.

Agency Description:

The NM Livestock board is the state regulatory agency which oversees the NM livestock industry. The livestock inspection side of the agency is responsible to verify the ownership status of livestock being shipped into, out of, and within New Mexico. As a law enforcement agency, the NMLB's inspectors also perform such public safety functions as road stops of livestock shipments, investigations of animal cruelty, larceny, or other livestock-related complaints, as well as enforcement of quarantines and disposition of animals deemed estrays by statute. The agency is also the office of the State Veterinarian.

Major IT Accomplishments of FY13:

- Synchronization architecture for filemaker
- Implemented phase 1 of law enforcement application
- Began evaluation of tablets for Fy15 migration
- Added Dell Equallogic Storage array to increase storage capacity
- Created new system for budget tracking and tracking federal cooperative agreements
- Creation, continuous improvement and maturation of veterinarian tools
- Expansion of web-based tools for inspectors in the field
- Created website for publishing lost/found/missing
- Created web interface for use by private livestock auctions to report their weekly sale activity to us
- Continuous improvement of all systems we have built in house
- Replaced locks in I.T. area and main building entrance with card swipe system
- Web-based expense tracking for emergency response team

Infrastructure Services – Plans to Expand:

- Virtualization
- Filemaker Database Synchronization

Business Applications Services – Expand and Enhance:

- Business Process Automation
- Data and Data Analysis

Facility Improvements or Upgrades:

300 San Mateo

- FY15 move mirrored storage array off site and upgrade backup strategy
- FY16 Potentially upgrade off-site array as production capacity increases
- FY17 Potentially add or replace ESX Host(s)

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

- Potential changes in animal ID rules imposed by USDA - This would drive database redesign, increased document OCR scanning, process reengineering for inspections and livestock auction staffing, increased integration with USDA systems
- Increased public and governmental focus on drought-driven animal cruelty issues - New statutes or rules in this area could drive software upgrades or design and reporting changes to existing systems

Agency IT Strategic Goals:

Goal 1: Create and test an agency disaster recovery plan

IT Staff Training Plans:

- Filemaker
- Microsoft Server
- ESRI Geocoding