



National Data Exchange (N-DEX)

N-Focus

The N-DEX Community's Information Source

October 2016

2017 brings a new Nlets Federated Data Source!

The N-DEX Program Office continues to enhance and improve system functionality with incremental builds. Recently, one build created the ability for authorized N-DEX System users to also conduct a search of the International Justice and Public Safety Network, formerly known as the National Law Enforcement Telecommunications System (Nlets). The Nlets System will use the search criteria to conduct a query of the Random Access to Nlets Data (RAND) log file that tracks all incoming and outgoing Nlets message traffic. Searches can be conducted for any message, sent or received, within a one-year time frame. Nlets results are returned in a separate tab from the N-DEX System results. The N-DEX Program Office is excited to partner with Nlets to facilitate this capability. In the future, both organizations are looking to expand the partnership to allow Nlets users to also obtain N-DEX System results from the Nlets interface.

N-DEX Today!

As the national leader in criminal justice and law enforcement information sharing, the N-DEX System has nearly 5,800 local, state, tribal, and federal agencies sharing over 318 million criminal justice records, which includes incarceration, investigation, incident/case, arrest, and probation/parole information. The N-DEX System also provides federated access to nearly 300 million records from the Department of Homeland Security (DHS), International Criminal Police Organization (INTERPOL), and the Federal Bureau of Investigation's (FBI's) National Crime Information Center (NCIC), Interstate Identification Index (III), and Next Generation Identification (NGI) Systems.

The N-DEX Program Office continues to foster several strategic partnerships, in an effort to generate additional system usage and obtain additional criminal justice data. Law Enforcement Information Exchange (LInX) agencies are being added to the N-DEX System as they onboard with the regional LInX Systems. Currently, 14 of the 15 LInX regions are integrated with the N-DEX System.

The N-DEX Program Office and the Regional Information Sharing Systems (RISS) Program are continuing to work together to provide N-DEX System access to users in all six RISS Regional Centers. Currently, the N-DEX Program Office is hosting webinars for these centers to facilitate the use of the N-DEX System into their normal routines. In the future, the N-DEX Program Office is committed to providing access to the RISS Intel System to further enhance the N-DEX System user experience.

The N-DEX Program Office also celebrates success by continuing to manage the success story award programs. The N-DEX Program Office is in the process of presenting the five winning 2016 FBI N-DEX *Excellence in Information Sharing Awards* and recently presented the *2016 FBI N-DEX Success Story of the Year Award*. Both awards were from stories submitted from 2015 usage of the N-DEX System. Entries from 2016 usage are currently being accepted at [<ndex@leo.gov>](mailto:ndex@leo.gov).

N-DEx Success Story Award Program

2016 FBI N-DEx Success Story of the Year

On December 13, 2015, the Route 66 Casino Express in Albuquerque, New Mexico, was robbed. Two male subjects entered the casino, pointed a loaded firearm at one of the cashiers, and demanded money. Meanwhile, a female accomplice stayed outside in their get-away vehicle. Minutes prior to the robbery, the unknown female accomplice swiped a casino rewards card to pay for fuel at one of the nearby pumps. The Pueblo of Laguna Police



Figure 1: Presentation of the FBI N-DEx 2016 Success Story of the Year Award
From left to right, LInX Rio Grande region Major Jessica Tyler, RMIN Regional Projects Coordinator Garry Joseph, RMIN Criminal Analyst Sarah C. Jex Hart, NCIS Executive Assistant Director Chris Cote, Laguna Police Department Investigator David Clendenin, Laguna Police Lieutenant Greg Concho

Department, a tribal agency, and the FBI were called to investigate. With only the possible name and date of birth of the female subject, the Investigator with the Pueblo of Laguna Police Department, contacted the Rocky Mountain Information Network (RMIN), based out of Phoenix, Arizona. The agent spoke to a Criminal Intelligence Analyst, asking her to find out what she could on the female driver. By conducting a targeted person search of the N-DEx System, three records were discovered, one of which revealed a social security number of the female subject. A subsequent search of the N-DEx System using that social security number revealed 19 New Mexico records submitted to the N-DEx System by the LInX System, a large law enforcement information sharing partner administered by the Naval Criminal Investigative Service (NCIS). These records bore various names and criminal associates of the female subject. The information gathered from the N-DEx System was used by two other RMIN Intelligence Research Analysts to run full background checks and create criminal information packages on all the subjects. Subsequent investigation by the Pueblo of Laguna Police Department Investigator, using the volume of detailed information gathered through the use of the N-DEx System and partner systems, led to three arrests and two confessions in the case. The Investigator stated, "The true heroes in the case were the Intelligence Analysts that provide us with the information and the direction in which to proceed."

2016 FBI N-DEx Excellence in Information Sharing

In September 2015, Texas Department of Public Safety Analysts were in the process of adding an absconder who was convicted of sexual assault on a child to their Top 10 Most Wanted list. They were conducting exhaustive searching of various databases, including a search of the FBI's N-DEx System. They found an N-DEx record from the New York State Police, which listed the subject as a complainant in a missing person report from just a few weeks prior. Using the address in the record, San Francisco, California, Sheriff's Deputies, who were cross-designated as Deputy United States Marshals, conducted a raid at the address and took the subject into federal custody. If it were not for the record in the N-DEx System, the subject would likely have remained at large.



Figure 2: Presentation of the FBI N-DEx 2016 Excellence in Information Sharing Award

Top row, left to right, Public Safety Commissioners Faith Johnson, Steven Mach, A. Cynthia Leon (Chair), Manny Flores, Randy Watson;

Bottom row, left to right, N-DEx Program Office Acting Unit Chief John Quinlan, Supervisory Program Specialist Adam Unnasch, Texas Department of Public Safety Director Steven McCraw, Texas DPS Crime Analyst Christina Davis



Figure 3: Presentation of the FBI N-DEx 2016 Excellence in Information Sharing Award

Left: NCIS Executive Assistant Director (EAD) Chris Cote

Right: NCIS LInX Division Chief Kris Peterson

On July 16, 2015, an active shooter incident occurred resulting in the deaths of four United States (U.S.) Marines and one U.S. Navy Sailor at a Military Recruiting Center and a Reserve Center in Chattanooga, Tennessee. In addition, a police officer from the Chattanooga Police Department and a Marine were wounded. The NCIS Multiple Threat Alert Center received partial identity information for the shooter, who was killed in the incident. The partial identity information was used to conduct searches of the Defense Data Exchange (D-DEx), which through strategic partnerships, also spawns queries of the LInX and the FBI's N-DEx System. The additional records helped by providing identifying information on him, his family, his vehicle, and his association with Tennessee and Virginia. The subject had many possible combinations and spellings of his name and the N-DEx Known Person Result was instrumental in finding additional data.

2016 FBI N-DEx Excellence in Information Sharing

On September 2, 2015, Ogden City, Utah, Police Department requested assistance from the RISS RMIN in identifying two suspects in the theft of checks from a residence and the subsequent passing of forged checks at an Ogden City bank. Although neither suspect had a criminal record in Utah, the FBI's N-DEx System revealed an incident report from another Utah jurisdiction regarding a citizen's request to check the welfare of a child. With an Idaho location from that N-DEx System record, the Ogden City detective made contact with law enforcement in Idaho, where the suspects previously resided. Detectives learned that one of the suspects had been arrested earlier for kidnapping (custodial interference), because he had left the state with his three-year-old son. Due to the information contained within the N-DEx System record, the suspects were identified and arrest warrants for the Utah theft and forgery charges were issued for both suspects, and one of the subjects was apprehended.



Figure 4: Presentation of the FBI N-DEx 2016 Excellence in Information Sharing Award

From left to right: Paul Haertel, Assistant Special Agent in Charge, FBI Salt Lake City Field Office; Phil Murphy, Utah RMIN Law Enforcement Information Coordinator; Jessie Suddith, RMIN Intelligence Research Analyst; Richard Childress, Detective, Ogden Police Department; Garry Joseph, RMIN Regional Projects Coordinator; Darrin Paul, Project Manager, N-DEx Program Office

N-DEx Updates

Significant N-DEx System Enhancements

Batch Query Interface Enhancements

- Modification to the layout of the Batch Query main screen
- New wizard feature that walks you through the setup of a Batch Query
- Changes to the Batch Query search results to include sortable fields

GeoVis Enhancements

- New look and layout to the GeoVis feature
- Upgrade GeoVis software to the latest version

Future N-DEx Enhancements

- NLETS RAND as an N-DEx Federated Query pilot project
- Implementation of Logical Entity Exchange Specifications (LEXS) 4.0 / N-DEx 3.0 Interface Exchange Package Documentation (IEPD)
- Updates to Batch Query Performance
- Upgrade existing entity resolution and correlation component with Novetta Identity Analytics
- Enhancement to return structured elements back to LEXS Search and Retrieve (SR) customers in addition to the snippet



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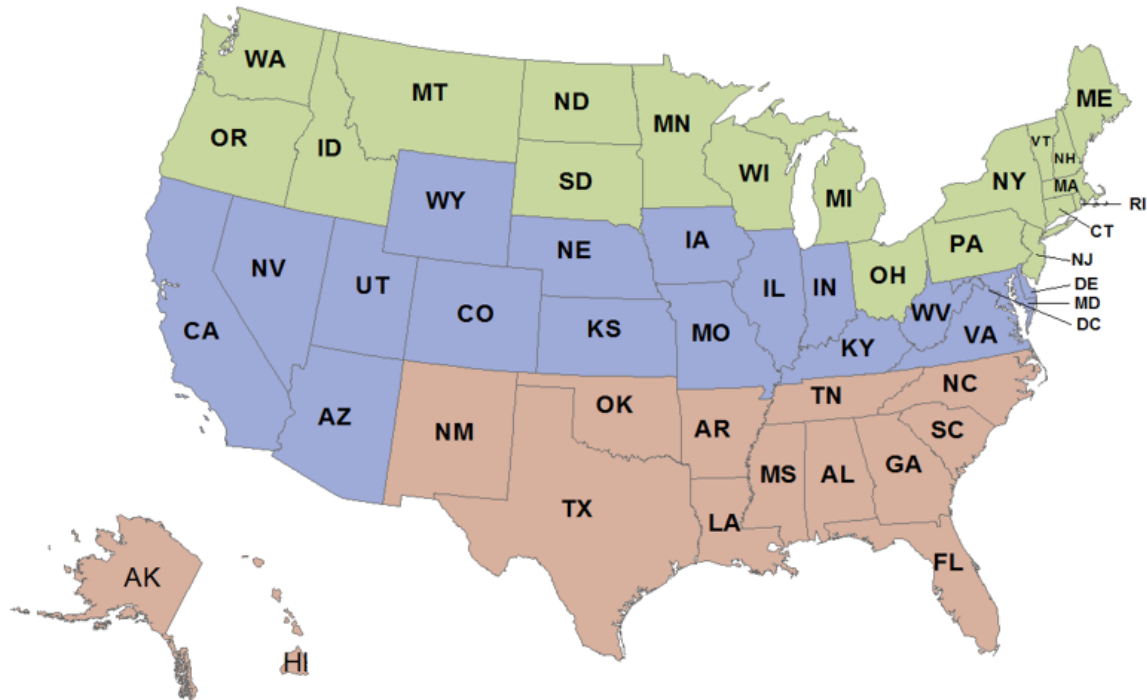
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After business hours or during the weekend, please contact the CJIS Division Help Desk at 304.625.HELP (4357).