

CDX Connect for N-DEx

PDSG has leveraged both its deep experience in creating and implementing Law Enforcement IEPDs along with its proven CDX Adapter product and graphical data mapping tool to create a single-purpose data connection solution. State and local Law Enforcement agencies who are seeking to input incident data into the FBI N-DEx system, or contribute records to a state or regional Incident system, can use CDX Connect to easily achieve this interoperability at a nominal cost.

What is N-DEx?

N-DEx is a powerful automated investigative tool that will provide LEAs with the ability to search, link, analyze, and share criminal justice information such as incident/case reports, arrest, booking, incarceration data, and parole/probation data on a national basis to a degree never before possible.

What's in it for me?

Investigative Use

- Conduct nationwide searches from a single access point
- Search for clothing, tattoos, associates, cars, etc. – connecting the dots between persons, places and things
- Search by Modus Operandi
- Receive notification of similar investigations

Tactical Use

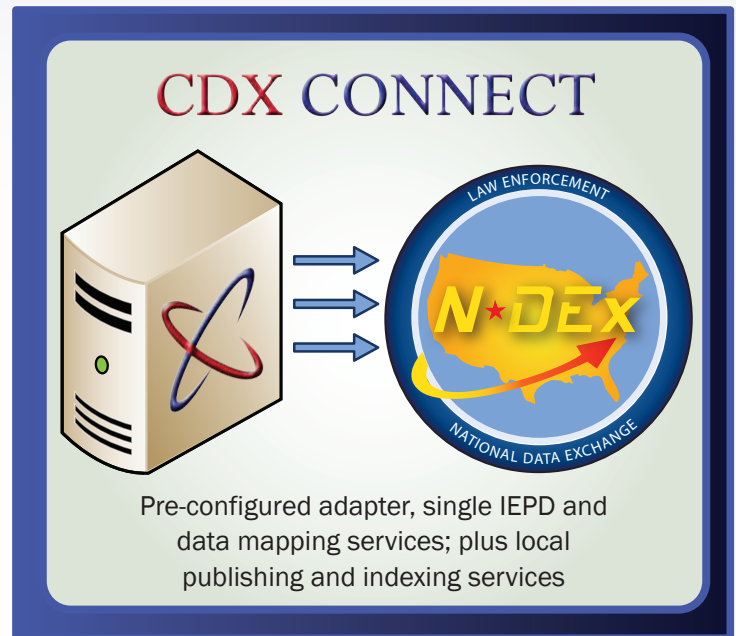
- Identify "hotspots" of crime activity for further drill down
- Access threat level of persons or addresses
- Ability to form additional investigative partnerships

Strategic Use

- Coordinate task forces
- Identify crime trends
- Visualization and mapping features

Law Enforcement Perspective

- Provide timely, accurate, relevant Criminal Justice information products and services with easy-to-use capabilities
- Enhance Law Enforcement's ability to combat crime and terrorism
- Developed cooperatively with the law enforcement community



N-DEx Vision

To enable the sharing of complete, accurate, timely, and useful information across jurisdictional boundaries and to provide new investigative tools that enhance the nation's ability to fight crime and terrorism.

"Accessible from your computer via the Internet"

For More Information about N-DEx:

e-mail ndex@leo.gov or,
call the FBI at 304-625-4242

NJSP and PDSG Case Study

The New Jersey State Police (NJSP) operates the New Jersey Data Exchange (NJ-DEx) to provide a similar capability for the state of New Jersey as N-DEx does for the federal government. Consisting of a master name index and a collection of incident data from around the state, NJ-DEx acts as a central repository for LEAs to access information when performing their day-to-day activities.

To implement the data exchange from the NJ-DEx state system to the FBI's N-DEx, New Jersey is using the Crossflo DataExchange™ (CDX) from Patriot Data Solutions Group (PDSG). CDX is a data mediation software product specifically built for NIEM-conformant exchanges like the one required to feed data into N-DEx. Law enforcement data is transmitted from individual counties and larger municipalities around the state of New Jersey to the NJ-DEx system (in another NIEM-conformant exchange utilizing the NJSP IEPD and implemented by CDX), as well as from other databases in the state (such as the NJ-CrimeTrack gang database).

NJ-DEx contains incident information that is to be shared with the N-DEx system. The target schema for this data exchange is specified by the FBI's Incident Arrest IEPD. PDSG assisted the NJSP in their effort to send data to the FBI by providing data translation technology and subject matter expertise

CDX Connect Technology

- **Interoperable** – Java-based “run anywhere” server – XML message delivery to any framework
- **Affordable** – Software and services combined on a pre-configured solution basis
- **Maintainable** – Easily configurable to changing specifications or business needs
- **Standards-based** – Open standards design, fully XML and NIEM compliant
- **Adaptable** – Connects to Oracle, MS SQL, DB2, Sybase, Postgres, MySQL and all other enterprise-class databases.

About PDSG

In addition to our superior technology, we also have unmatched industry experience. Our team includes members instrumental in creating the GJXDM, NIEM and IEPD standards. PDSG has defined and configured the N-DEx IEPD for easy installation and configuration at an affordable price.

For More Information Contact:

PDSG Corporate Headquarters
11260 El Camino Real, Suite 100
San Diego, CA 92130
858.724.2216 Phone
888.585.0333 Toll Free
858.724.2224 Fax

www.pdsg.com

