

# TEXAS DEPARTMENT OF PUBLIC SAFETY



## National Data Exchange System (N-DEx)

The N-DEx system is an unclassified national information system that enables criminal justice agencies to search, link, analyze, and share local, state, tribal, and federal records. N-DEx is also a strategic investigati~~on~~ information sharing system that fills informati~~on~~al gaps and provides situational awareness.

### Why is N-DEx Data Sharing Important?

N-DEx is more than a search-and-retrieval system. It is a no fee, 24/7 system that can determine connections between entities that might appear unrelated at first glance.

Sharing to N-DEx allows authorized users to detect relationships between people, places, things, and crime characteristics. This helps link information across jurisdictions. It can expedite the justice process by providing crucial leads, real time information and evidence.

N-DEx provides a secure repository and a secure way to share (SFTP) information that assists with apprehensions and increases situational awareness across the nation, contributing and improving national security.

The system also provides unique capabilities that allow officers and investigators to sift through large amounts of data in less time contributing to the optimization of resources.

### TECHNICAL DOCUMENTATION POSTED ON:

[HTTPS://WWW.DPS.TEXAS.GOV/SECTION/CRIME-RECORDS/TEXAS-DATA-EXCHANGE-TDEX](https://www.dps.texas.gov/section/crime-records/texas-data-exchange-tdex)

**CONTACT US:**  
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**(512) 424-2091**



Do you have a N-DEX System success story of your own? We would love to hear it and share in future correspondence. Email your story to: [TDEx@dps.texas.gov](mailto:TDEx@dps.texas.gov)

## N-DEX Success Story

A Police Department in Nevada received a welfare check call for a woman who hadn't been in contact with her sister for several days. They found the woman unconscious in her bathtub, critically injured. The detectives, lacking information on the victim's ex-husband, turned to the FBI's National Data Exchange (N-DEX) System. The system helped identify the ex-husband, revealing his extensive criminal history in *Texas* and his location. Without this system, the Police Department would only have a name, devoid of any additional information. Four months later, he was arrested in Colorado, extradited to Nevada, and was found guilty of attempted murder and battery resulting in substantial bodily harm constituting domestic violence.

## N-DEX Data Submission via IT or Vendor Services

1. Agency opts to create their own adaptor via their IT or Vendor services.
2. Agency will work with their vendor or IT resources to map XML. DPS can assist if help is needed mapping.
3. Agencies will work with Texas DPS to create log in for Data Broker.
4. DPS and FBI will verify successful connection in Data Broker test system.
5. Once approved, agency can begin sharing data.

## Data Sharing in Texas



Texas DPS setup a Data Broker as a single location for XML submissions for multiple programs (e.g., N-DEX and UCR, with plans for adding more). Agencies wishing to participate in N-DEX data sharing, or other data collections, can map their data to XML and automate submissions through web services.

