

## NKDI Fact Sheet

### Mission:

NKDI is an organization of Police Agencies in Northern Kentucky with a **mission of improving inter-agency collaboration regionally and beyond**. NKDI leverages neutral data standards and proven commercial technologies and methodologies for collaboration and data sharing between member agencies. NKDI is supported by government and business sponsors.

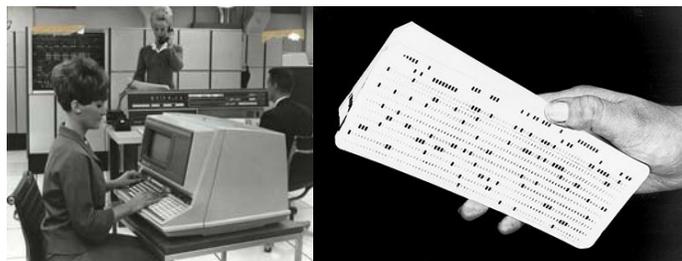


### Problem:

An effective and evolving state wide records management system KYOPS is utilized by all agencies. However some "Local Data" such as Schedules, Resources, Warnings, Contact Reports, Tow Logs, Persons of Interest, Investigations and Neighborhood Watch are not managed in the state system.



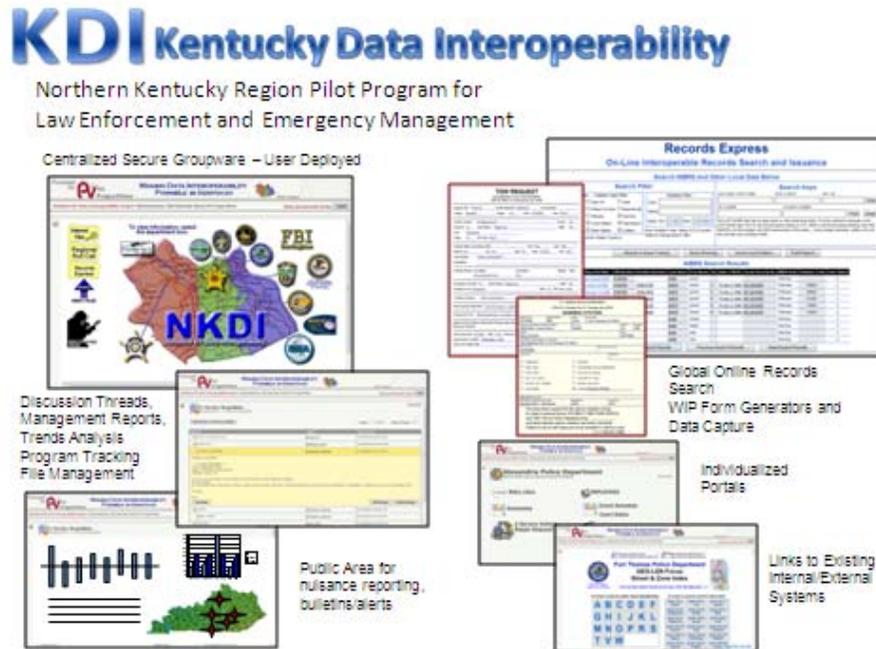
Agencies employ many and various tools to manage these types of LOCAL data but also maintain "legacy" records management systems which provide some unique functions but often duplicate the state capabilities. Records in KYOPS and within these local systems are not easily shared *between* Police agencies.



Legacy systems are many times antiquated, based upon archaic platforms and are maintained with expensive service agreements. Many resources are expended to maintain and feed a plethora of Records Management Systems throughout the state. Data is fragmented in silos, not standardized and generally hard to get to and therefore not effectively utilized by officers in the field. There is money lying on the table in terms of duplication and manual re-input of local data to state systems.

## Solution:

A multi-agency group was formed to define collaborative requirements and pilot a project for data integration and sharing. From this group, a strategy to leverage existing systems, data standards and to rapidly deploy commercially available integration technologies was defined. Studies of similar initiatives, (commercial and government) combined with requirements and feedback from the field has led to a step by step deployment of specific functionality tailored to REAL WORLD utilization.



The NKDI pilot project is based on KYOPS (DOJ) data standards for reporting crime statistics and existing commercial integration technologies were studied and employed – KYOPS data extracts, Agency legacy records systems data mining, commercial collaborative technologies have been leveraged.

Front end functionality was mainly the focus of the agencies and the backend functionality, the focus of business sponsors. ITI ProjectView was used as the platform for interoperability. To date many personal and working hours of officers of agencies have been spent to implement the pilot and launch the NKDI working group. More than 2000 man-hours, software and several thousand dollars have been invested by the local business partners to date. The most important results of this initiative beyond the system in place are the requirements captured and the understanding of issues in the way of collaboration which are not so much a technical challenge but often that of red tape.

## Results:

The NKDI pilot, built from the voluntary efforts of a core team over two years, is already producing results and saving hundreds of hours of police manpower which can be put to more productive use than time spent looking for data. Warnings alone have returned an estimated 3000 man-hours to NKY agencies.

## Statistics:

Five Northern Kentucky Police departments contribute data to the current NKDI data sharing database

Alexandria PD  
Bellevue PD  
Cold Spring PD  
Covington PD  
Ft. Thomas PD

Kentucky Ops data currently being shared

39,387 crime records on-line from five Northern Kentucky Police Agencies  
31,617 offender records on-line from five Northern Kentucky Police Agencies

In-Cruiser Written Warnings (Alexandria PD, Ft. Thomas PD)

2006 - 1,839  
2007 - 4,049  
2008 - 5,457  
2009 - 4,560

In-Cruiser Written Tow Logs (Alexandria PD, Ft. Thomas PD)

2008 - 139  
2009 - 311

Agency Data

Alexandria PD has 2,819 crime records and 2,237 offender records  
Bellevue PD has 14,810 crime records and 4,810 offender records  
Cold Spring PD has 1,043 crime records and 897 offender records  
Covington PD has 18,731 crime records and 11,864 offender records  
Ft. Thomas PD has 1,984 crime records and 1,809 offender records

## Future Direction:

Grant Funding is being put to immediate use:

To place a Secure Server in neutral location with Fail-proof redundancy and recovery (Site will be housed at the Northern Kentucky/Greater Cincinnati Airport State-of-the-Art IT Center); Make enhancements to improve and automate integration with state and local systems; Expand to more agencies and provide systems integration support; develop sustainable subscription model combined with government grants and commercial sponsorships to support expansion, enhancements and training efforts.

As technologies employed by NKDI are based on standards and neutral formats, improved integration is not only enabled within Kentucky but with neighboring states and many other government and commercial data systems. As part of the NKDI pilot Several State and Regional SYSTEMS INTEGRATION initiatives have been evaluated. There are many excellent systems and capabilities in the state and various federally funded open source technologies that are underutilized and could be leveraged in a broader collaborative initiative.

Records Express can use any data type:



**The Bottom Line:** Access to greater intelligence and the potential for cross referencing multiple records can provide information critical to the security of officers in the field and the jurisdictions they serve.