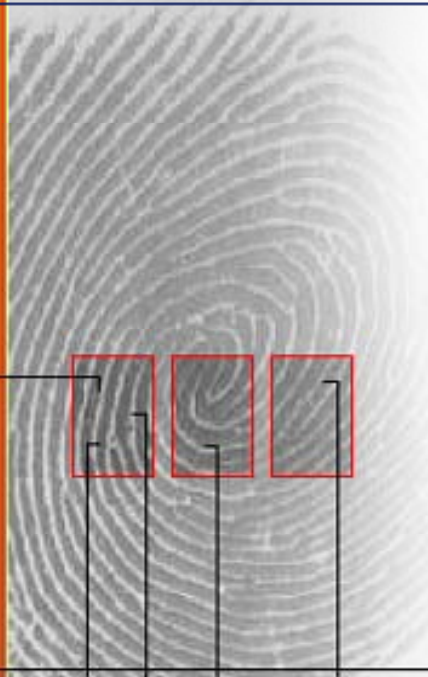


FBI



Criminal Justice Information Services Division



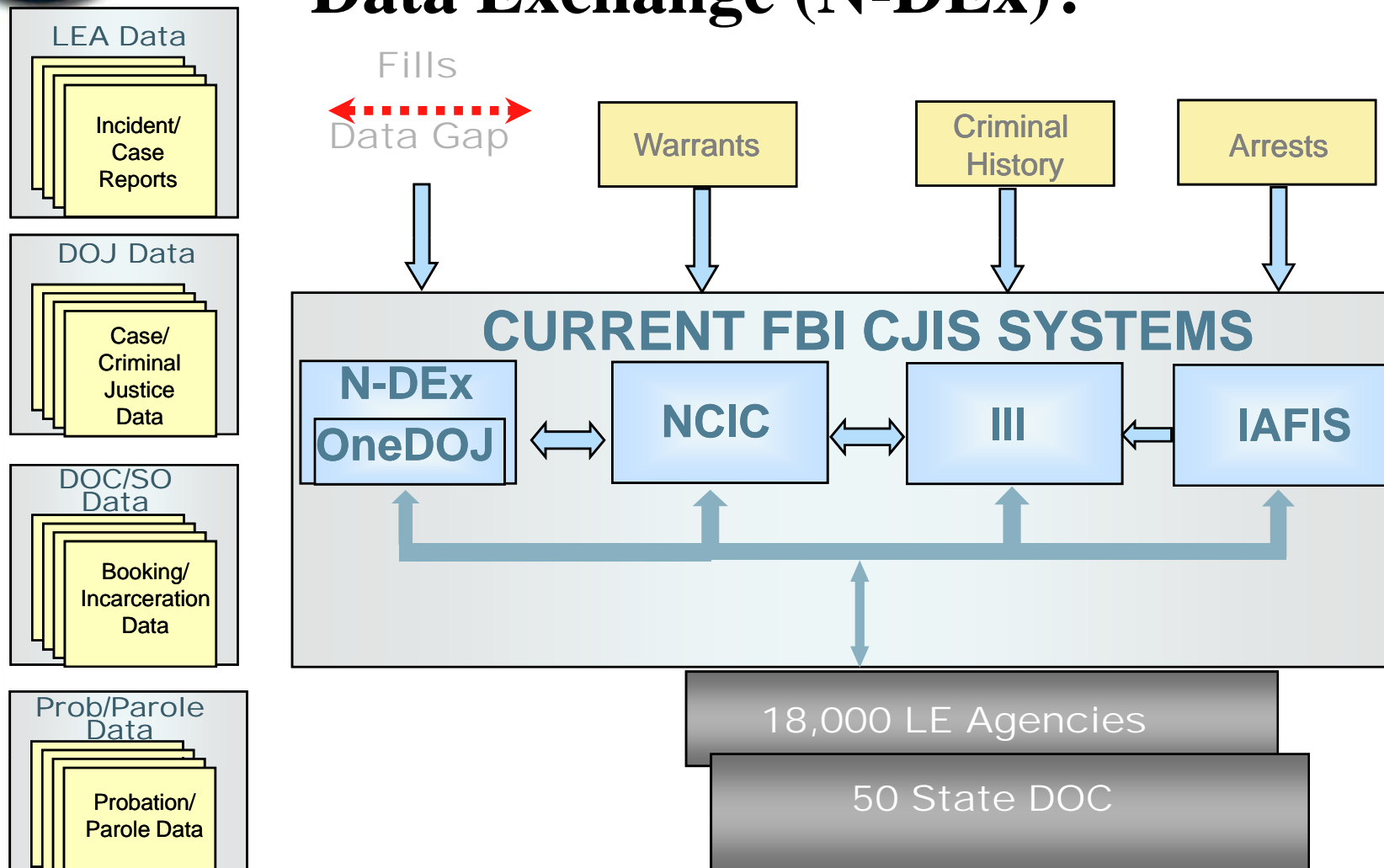


Law Enforcement National Data Exchange and OneDOJ System

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Why Law Enforcement National Data Exchange (N-DEx)?





National Information Sharing



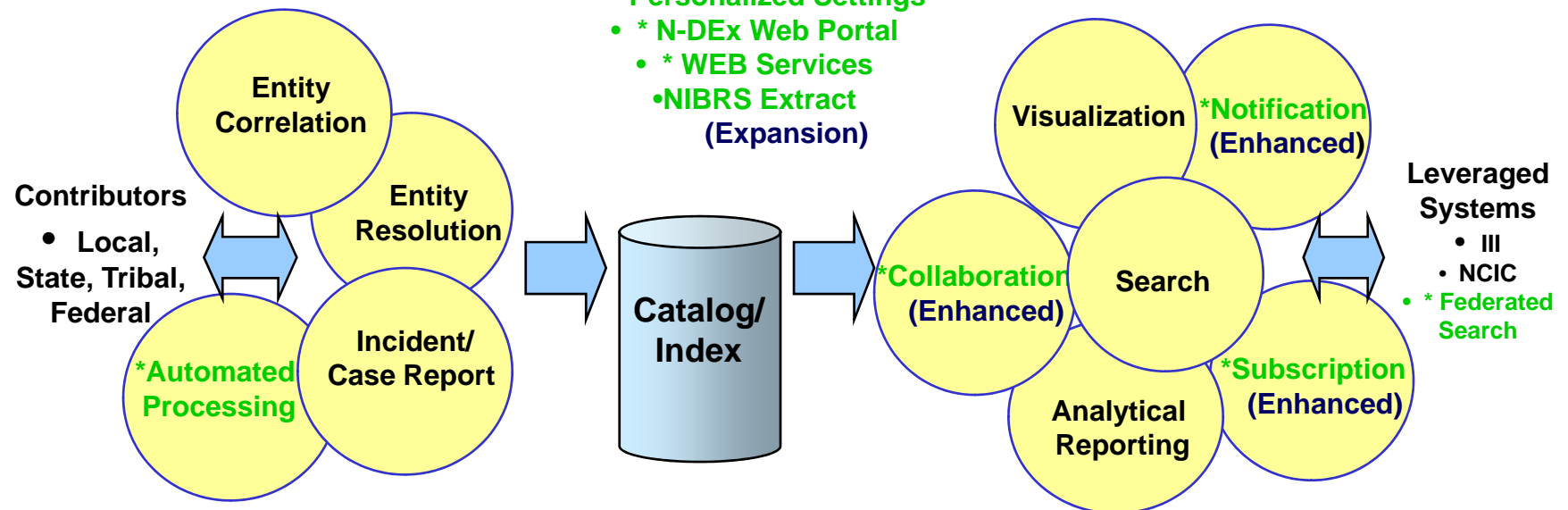
- N-DEX brings together incident and case reports, booking and incarceration data, and parole/probation data from law enforcement agencies (LEAs) throughout the United States, which has never been done before.
- Detects relationships between people, vehicle/property, location and/or crime characteristics.
- Links information across jurisdictions.
- “Connects the dots” between data that is not seemingly related.
- Supports multi-jurisdictional task forces.



N-DEx Incremental Deployment

Other Features

- Data Sharing Policies Control
- Role-Based Access Control
 - On-Line Training
- * Personalized Settings
- * N-DEx Web Portal
- * WEB Services
- NIBRS Extract (Expansion)



Data Types

- Incident/Case Reports
 - * Arrest/Booking Data
 - * Incarceration Data
 - (Probation/Parole Data)
-
- Initial Functionality – 50,000 users
 - Increment 2 - * - 100, 000 users
 - Increment 3 - () – 200,000 users



N-DEX

Key Data Sharing Concepts

The data owner controls how and with whom their data is shared. N-DEX is designed to allow agencies to protect their data in accordance with the laws and policies that govern dissemination and privacy for their jurisdictions.

- Agencies can enforce sharing restrictions for their data through agency administered policy utilizing N-DEX provided tools or by tagging data prior to submission to N-DEX.
 - Provides fine-grained access control, e.g., to certain individuals or groups/task forces.
 - Allows each LEA to select/change their sharing policies.



N-DEX

Data Sharing Control

The data owner controls dissemination of their data submitted N-DEX by assigning levels of sensitivity that protect investigative equities.

LEVEL 1 – NOT RESTRICTED

Green level data is disseminated to all authorized users.

LEVEL 2 – POINTER

N-DEX provides the capability for data contributors to specify “pointer based” sharing of data. (POC Info Only)

LEVEL 3 – RESTRICTED

N-DEX provides the capability for data contributors to restrict data they submit to N-DEX. The Red level is reserved for the most restricted investigative information.



N-DEx

Participation

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Legend:

- Data Contributed
- Data ready to contribute
- Mapping Process
- Developing Strategy
- LINx Sites Pending

National Totals:

FBI	662,582
BOP	15,128,496
ATF	76,534
DEA	3,272,088
USMS	52,693

State Data:

- Oregon ONIBRS: 490,554
- Sacramento (ARIES)
- Los Angeles (IRIS): 3,007,887
- San Diego (ARJIS): 1,333,605
- Texas T-DEX: 38,164,080
- Kansas KIBRS
- Missouri MO-DEX
- Chicago CLEAR
- Indiana DOC
- Ohio OLLEISN
- New York Oneida Indian Nation: 45
- New Jersey RINJDEX
- DE DELJIS: 294,589
- DC Metro & Capitol PD
- VA LINx Hampton Roads: 585,182
- Harrison County WV: 2999
- Marietta Georgia PD
- Alabama ACJIC
- Tennessee TIBRS
- North Little Rock PD
- AFOSI: 13,688



Projected N-DEX Participants

- N-DEX anticipates the following post Increment 2 participants:
 - **State**
 - Arizona
 - Florida
 - Mississippi – DOC
 - Kentucky – DOC
 - Virginia
 - North Carolina
 - South Carolina
 - Missouri
 - New Jersey
 - Kansas
 - Alabama
 - Wisconsin
 - Illinois
 - Ohio
 - Tennessee
 - New York
 - Colorado
 - Arkansas
 - **Regional**
 - San Francisco – East Bay Area
 - Texas Law Enforcement Analysis Portal (LEAP)
 - LInX
 - Hampton Roads – additional agencies
 - Southern California
 - **Local**
 - Las Vegas Metropolitan Police Department
 - **Federal**
 - Department of Homeland Security
 - U.S. Capitol Police
 - JABS (Joint Automated Booking System)
 - **Corrections**
 - Indiana Corrections

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N-DEx Status



■ Training

- Developed Training curriculum and the N-DEx Users Manual
- 9 Computer Based Training (CBTs) available on LEO 07/14/09
- Began N-DEx “Train the Trainer”/ User Training 2/20/08
 - Nebraska – 04/29/2009 - 05/01/2009
 - San Diego (ARJIS) - 05/04/2009-05/08/2009
 - New York Real Time Crime Center – 05/26/2009 – 05/27/2009
 - Virginia State Police – 08/25/2009-008/27/2009
 - DC Metro – 09/02/2009
 - National Native American LEA – 09/08/2009-09/11/2009
 - T-DEx – 09/14/2009-09/17/2009
 - New York State – 09/28/2009-10/02/2009
 - IACP – 10/05/2009-10/10/2009
 - ATF – 10/07/2009-10/08/2009
 - Coco Beach Florida – 10/18/2009-10/24/2009
- N-DEx Overview Training
 - LEISP User Advisory Group 12/10/2008
 - ATF 01/15/2009



N-DEx Status

- **Privacy/Memorandum Of Understanding (MOU)**
 - PIA revised for Increment 2 approved by FBI PGC 07/18/09
 - Re-engaged Privacy Advocacy Group at FBI HQ on 02/20/2009
 - Combined N-DEX/OneDOJ MOU approved June 2009
- **N-DEx- FBI CJIS audit process and procedures**
 - Audit development effort to include Law Enforcement Subject Matter Experts (SMEs)
 - Audits
 - San Diego 05/05/2009
 - Delaware 05/18/2009-05/20/2009
- **N-DEx Data Standards**
 - N-DEX is participating in NIEM development
 - N-DEX Incident-Arrest IEPD version 2.1.0 published on 01/01/2009
 - N-DEX Incarceration-Booking IEPD version 2.0.1 published on 02/01/2009
 - Data standards validated exchange process and tools available



User Support Services



- Audit
 - N-DEX will provide auditing capabilities to confirm the proper system usage via:
 - CJIS Audit Unit
 - Scheduling of piloting process began - January 2009
 - Pilot audits will be conducted during Increments 1-3
 - N-DEX System Auditor Roles
 - Established three auditor roles:
 - » Data Auditor
 - » User Auditor
 - » System Auditor



N-DEx System Audit Roles



- N-DEx has established three auditor roles:
 - **Data Auditor Role** - Responsible for auditing the data usage for their ORI.
 - **User Auditor Role** - Responsible for auditing user activity for their ORI.
 - **System Auditor Role** - This role will typically be assigned to the CSO to monitor activities within their ORI.
- Each predefined auditor role will have the ability:
 - Generate Reports
 - View Reports
 - Delete Reports
 - Download Reports



Increment 3



Goals of Increment 3

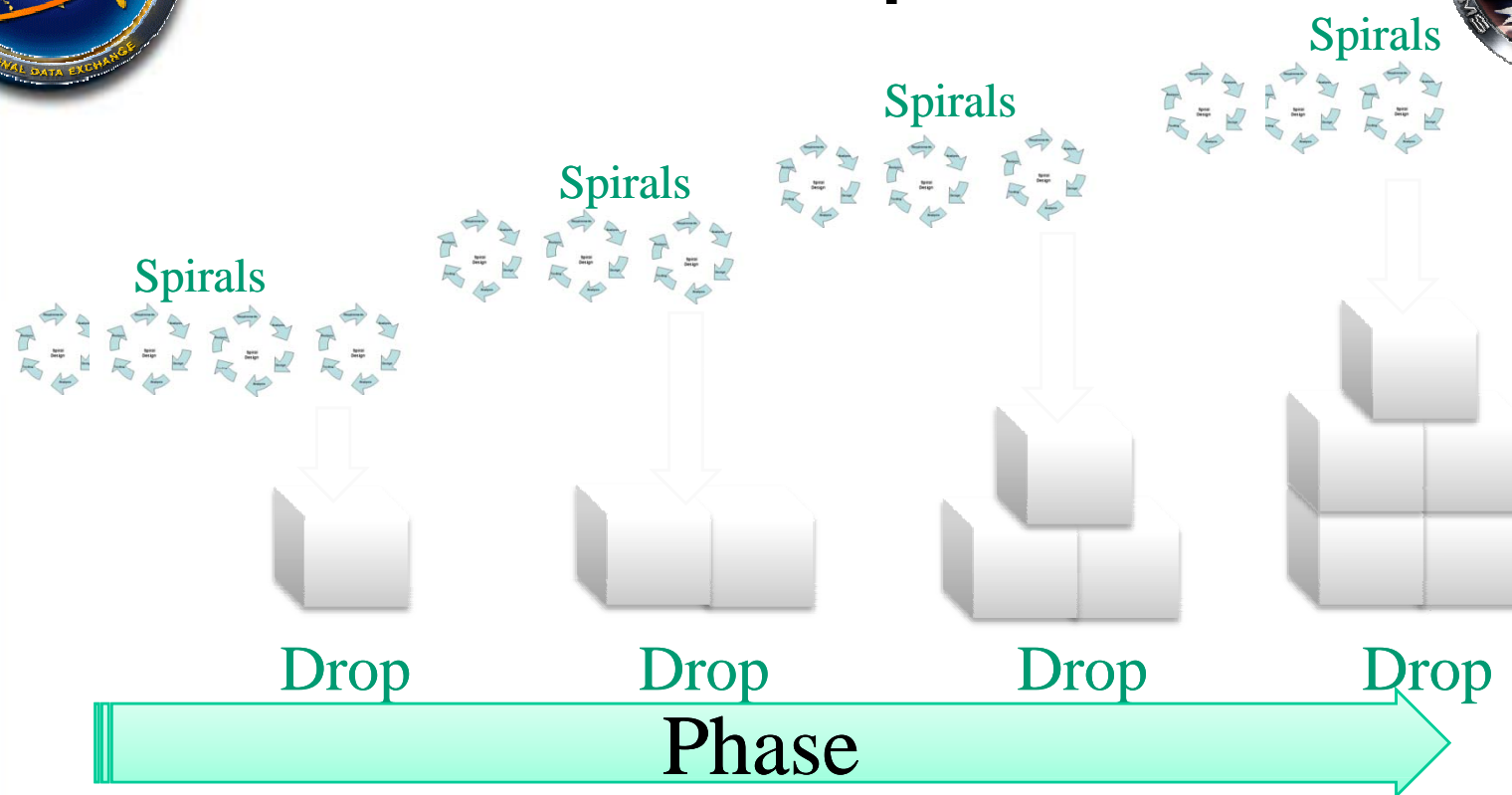


- Improve Search
 - Integrate Autonomy search engine
 - Focus Initiate Identity Hub on Targeted Entity Searching
- Utilize Agile Software Development Process
 - Produce functioning software early for Stakeholder evaluation
 - Incorporate Stakeholder feedback
 - Discover and resolve issues prior to deployment
 - Obtain user buy-in to solution
- Enhance Usability
 - Incorporate best practices into user interface
- Expand FBI/DOJ Role in Development Process
- Improve Access to N-DEx
 - Establish web access to System (without going through LEO)
 - Continue to use LEO Advanced Authentication

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Increment 3 Development Process



Legend



Spirals require Daily Raytheon/CJIS Coordination



Drops Available for SME/Stakeholder Review and Usability Validation

Phase

Phase results in Deployable System

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Search Improvements

- **Google-like**
 - Users can freely enter words, yet if desired, target to specific parts of documents (Persons, places, things, entire document etc.)
 - No limits on what can be searched, more controls on what is searched
 - More control of results sets
 - Highlights search “matches
- **Simplified User Interface**
 - Includes code conversions and employs techniques such as synonyms, sounds-like
 - Dropdowns are not required, but will be available for targeting specific attributes
 - Limited structured fields will help prompt user
- **Improved Search Results**
 - Integrated Person View
 - Dynamic Summary Results and Detailed Views
- **Minimal Training – UI’s Implement Internet Best Practices**

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New Look and Feel



Concept



Improved Person Search Results



- Integrated Entity View
 - Everything N-DEX knows about a person
 - Enriched over time with new data
 - Enhanced by the resolution function
 - Includes associations person has with other persons/entities
 - Retrieved from the Identity Hub (Resolution Engine and Association Manager)
- Document Results
 - Documents that best match my search criteria
 - Ordered by relevance
 - Results from Autonomy (Search Engine)

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Integrated Person Search Results



[Help](#) | [Training](#) | [Sign Out](#)



Search Subscription Collaboration Reporting Preferences

[show panel](#)

N-DEx Person Search

Richard D. Brown, Age 45, Illinois

N-DEx Known Person Results

Name/Alias	Identifiers	Race/Height/Wt	Residences	Records	Images
1 BROWN, RICHARD D Brown, RICHARD Dewayne; Neno; Duanie; Dick Brown; Brownie; Dickie	SSN: 362787696 FBI ID: 2348373894 USMS: 37348476	White 6'3" 180 44 175 43	Chicago, IL Detroit, MI Cherry Hill NJ	Inmate BOP Inmate 8/02/09 Suspect FBI Incident 4/16/09 Suspect LAPD Arrest 2/13/09	
2 BROWN, Dewayne Brown, James; Dee	DL: IL362787696	Black 5'3" 155 43	Oak Park IL	Suspect CPD Incident 4/27/09 Witness CPD Incident 11/09/89	

[More Known Person Results](#)

N-DEx Document Search Results

Activity Id	Activity Type	Owning Agency	Incident Date
DE001015Y-3207040382-DE0020300	Incident Report	DE0020300	04/05/2007 View
INTERVIEW:N/ANEIGHBORHOOD CANVAS:N/ADEFENDANT/SUSPECT INTERVIEW:HARRISON, RICHARD (B/M 11/10/87) 74 OAKMONT DR. NEW CASTLE, DE 302-428-3122WRITER			
DE001015Y-3208052800-DE0020300	Incident	DE0020300	05/03/2008 View
Djuna does not have Christine in her name at all.PC2: Richard Adair, interviewed on the telephone from NCCPD hq at			
DE001015Y-3208157728-DE0020300	Incident Report	DE0020300	12/26/2008 View
attached garage. The gun was silver in color with a brown wood like handle. Victim Interview V1- Jeannie Gross			
DE001015Y-3209015752-DE0020300	Incident Report	DE0020300	02/09/2009 View
right wall of the living/family room was a large, brown , rap around couch. In the center of the room was a			
DE001015Y-3408008450-DE0020200	Incident Report	DE0020200	08/09/2008 View
reference underage consumption. Upon arrival, Mr. Richard Brown answered the door and allowed myself and			

[More Document Search Results](#)

Concept



N-DEX - OneDOJ Integration



- Currently, the N-DEX Program Office is integrating the N-DEX and OneDOJ systems at the FBI's CJIS Division.
 - Program Administration and Operation
 - Systems - Technology
 - Governance – Policy



OneDOJ System

- The OneDOJ System enables internal sharing of investigative information among the Department of Justice's components:
 - Bureau of Alcohol Tobacco Firearms and Explosives
 - Bureau of Prisons
 - Drug Enforcement Administration
 - Federal Bureau of Investigation
 - United States Marshal Service

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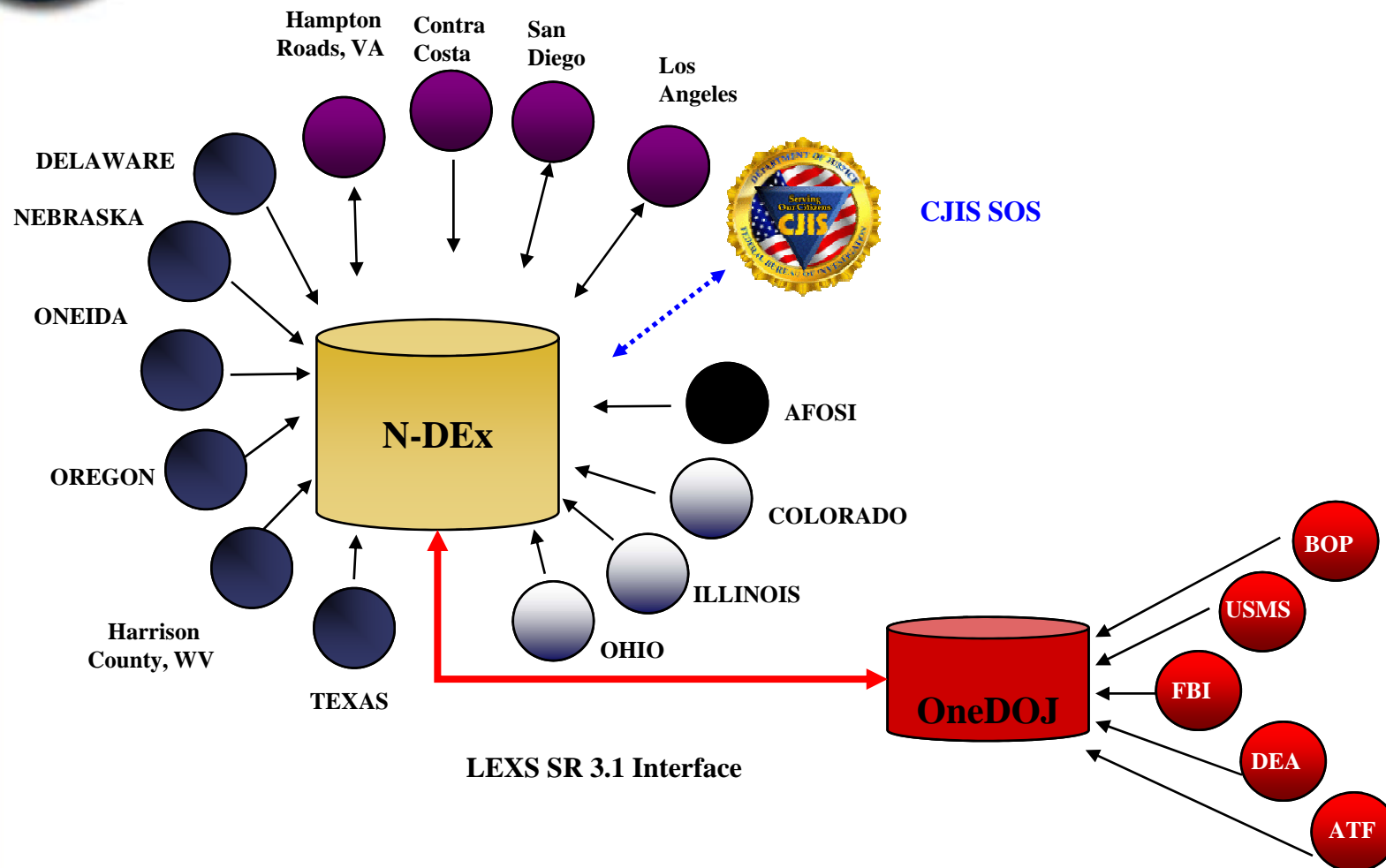
OneDOJ System

- Department of Justice's repository for sharing law enforcement investigative data among its component agencies.
 - Governed by the DOJ LEISP Coordinating Committee (LCC).
 - OneDOJ houses and shares DOJ component information only.
 - External users/partners access through federated searches of DOJ data.

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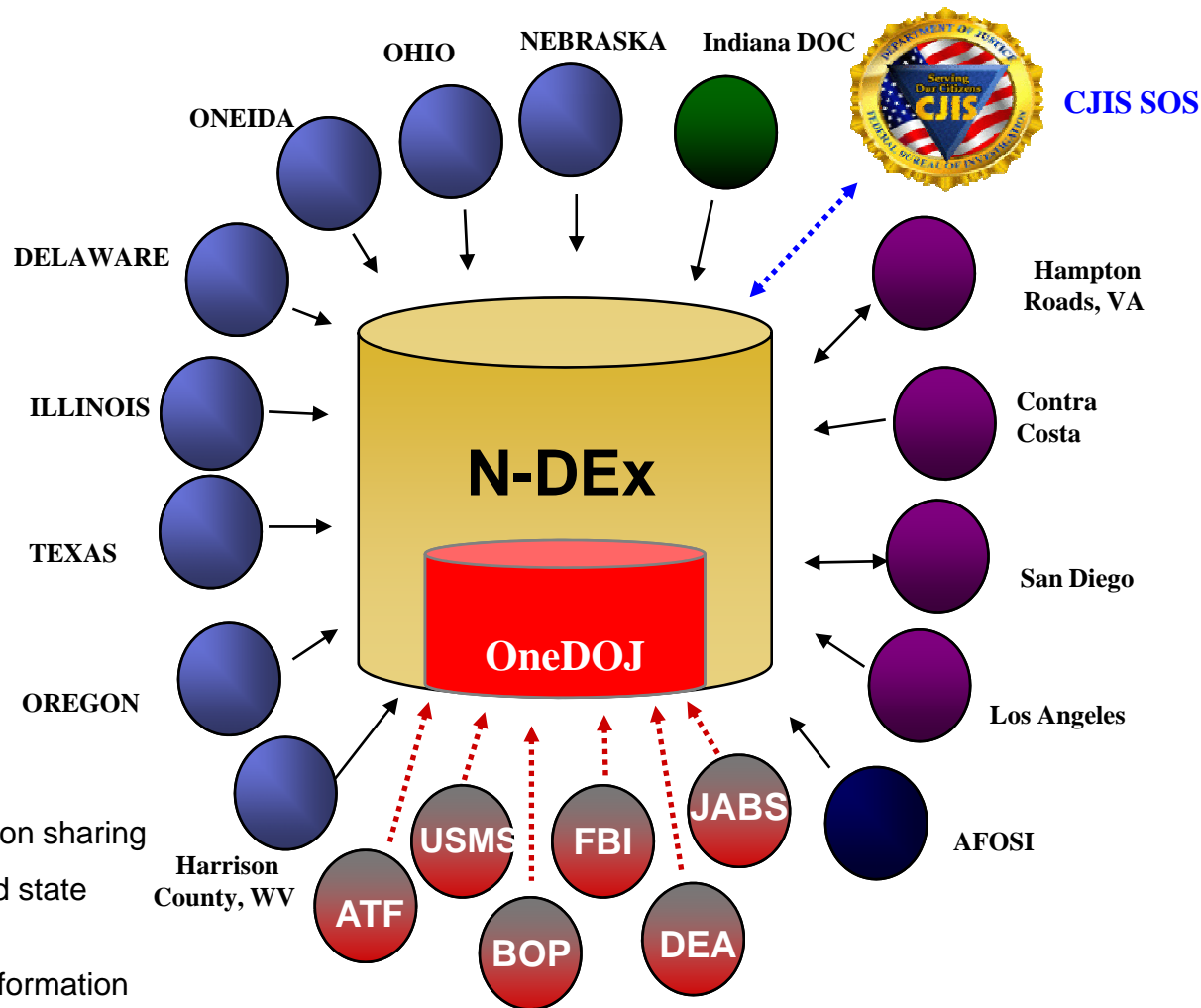
National Information Sharing N-DEX and OneDOJ Integration



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National Information Sharing



- National information sharing
- Links regional and state systems
- Virtual regional information sharing

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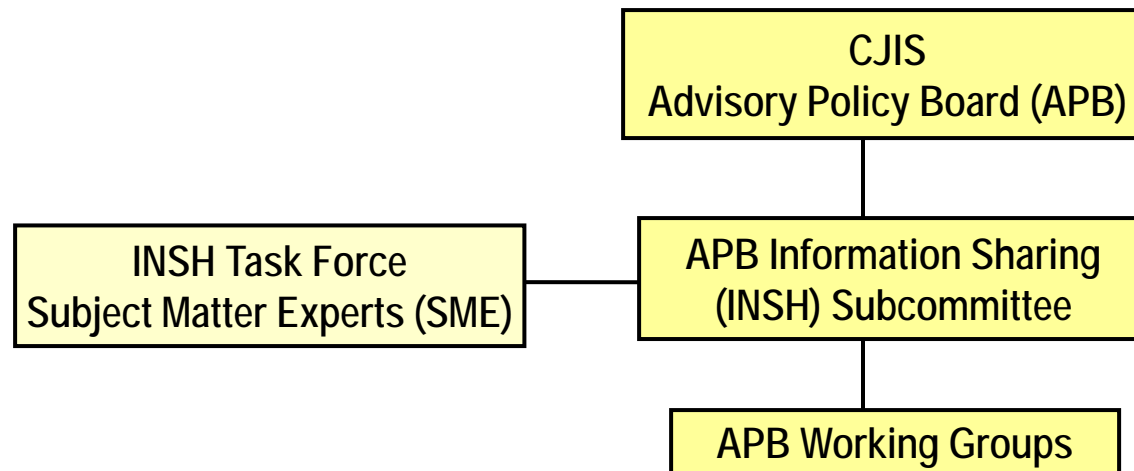


N-DEx Governance



GUIDING PRINCIPLE: *N-DEx governance and policies must be developed and managed cooperatively with the law enforcement community; they cannot be mandated by the federal government.*

N-DEx will be an information system administered by the FBI's CJIS Division who will employ a Shared Management Philosophy for development and operation of through collaboration with:





CJIS Advisory Policy Board (APB)

- **Role of the Advisory Policy Board**
 - Reviews policy issues, reports, and appropriate technical and operational issues related to CJIS Division programs.
 - Makes appropriate recommendations to the Director of the FBI.
- **33 Total Members**
- **20 Elected Representatives**
 - 12 from state agencies
 - 8 from local agencies
- **4 FBI Director Appointees**
 - 1 represents judiciary agencies
 - 1 represents prosecutorial agencies
 - 1 represents correctional agencies
 - 1 represents national security agencies
- **8 Professional Association Representatives**
 - International Association of Chiefs of Police
 - National Sheriffs' Association
 - National District Attorneys' Association
 - American Probation and Parole Association
 - Major Cities Chiefs' Association
 - Major County Sheriffs' Association
 - American Society of Crime Laboratory Directors
 - Courts or Court Administrators
- **1 Chairman of the Federal Working Group**



Information Sharing Subcommittee

- The Information Sharing (INSH) Subcommittee of the APB endorses issues for development and implementation of the N-DEX System.
- The INSH Subcommittee is comprised of representatives from local, state, and federal law enforcement agencies, including representation from the:
 - International Association of Chiefs of Police (IACP),
 - Major Cities Chiefs Association (MCC),
 - National Sheriffs' Association (NSA),
 - Major County Sheriff's Association (MCSA),
 - The Department of Justice (DOJ) and,
 - The Department of Homeland Security (DHS).
- On 8/15/2005, the above-mentioned associations published a position statement supporting the concept of nationally coordinated information sharing system.
 - Develop a Statement of requirements designed to meet the needs of local law enforcement
 - Funding projections that reflect the anticipated cost to all levels of law enforcement.
 - Effectively communicate a consistent message about the Projects mission, goals, strategy, and status.
- APB Endorsed the N-DEX Program and the Full CONOPS-June 2006
- IACP CJIS Chairman has prepared an article for the need and endorsement of N-DEX in the Police Chief Magazine, June 2006.



Information Sharing Task Force Missions

The Information Sharing ConOps Task Force

- Communicates the N-DEX concept to major police associations.
- Incorporates key representatives from states/agencies for N-DEX Phase 1 participation.
- Includes DOJ agencies, DEA, FBIHQ, and ATF.

The Information Sharing Subject Matter Experts (SME) Task Force

- Composed of crime analysts, investigators and information specialists, the "working group" for the ConOps, acquisition and system development.
- Provides direction regarding the development of the ConOps.

The Information Sharing Policy Task Force

- Addresses policy concerns including role-based access, sensitivity levels, and personal identifying information (such as name, address, phone numbers).



Outreach & Services



IACP Partnership



- In another key effort to expand the use of N-DEx, the IACP, in partnership with the FBI, has designed and will deliver a national-scope communications and educational outreach program, to facilitate awareness and use of N-DEx.
- To enhance crime-fighting efforts, it is essential for state, local, and tribal law enforcement agencies to prioritize information sharing.
 - *The principal goal of this joint effort is to discuss openly with the law enforcement community the foundation beneath and benefits of the N-DEx system*



IACP Partnership

- **Assist the Government in Communication support to the more than 20,000 members**
- **Develop relationships to establish N-DEx partners**
- **Deliver a communications and outreach program**
 - Increase awareness of N-DEx
 - Increase understanding of functionalities and capabilities
 - Increase user participation
 - Increase agency participation
- **Implement LE strategies**
- **Facilitate LE front-line acceptance and use of N-DEx**
- **Target major metropolitan areas**
 - Seek out Task Forces, Teams, and Fusion Centers
 - Engage LE Systems in Threat Areas



User Support Services

- N-DEx IEPD Mapping
 - Agency should contact the Regional Coordinator
 - Answers questions and guides the agency during the mapping/application development process
 - Performs the mapping task with the agency providing consulting then assist the agency with the application development.
 - *Program Office can perform both the mapping and application development tasks with the agency providing consulting as necessary*
- Cost Modeling
 - Provides a standard basis for developing and modeling cost scenarios.
 - Allows for the input of multiple variables to form of LEA profiles –demographic segmentation by technological capability.
 - N-DEx Program Office can provide agencies with cost estimate based on data within the cost model.
 - N-DEx Program Office provided Arizona, Alaska, and Nevada with a cost estimate based on information provided by the state. This information can be used in planning and supporting budget requests or grant funding.



User Support Services

- Grant Writing Assistance / Consulting
 - Collaborating closely with BJA and DOJ regarding the availability of grant funding for information sharing
 - Established a communication plan with state and local agencies
 - Informing them of available grants
 - Offering assistance with funding criteria when requesting the grants
 - Presented at BJA and DOJ conferences across the United States
- Outreach
 - Established to increase:
 - Critical CJA engagement levels
 - Transactional Usage
 - Data Sources
 - Create new and improve current relationships
 - Obtain, analyze and document user feedback
 - Continuous improvement of the N-DEx System
 - Identify possible success stories
 - Encourage usage of N-DEx



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N-DEX Overview

- National criminal justice information sharing system and cornerstone of the Department of Justice LEISP.
- FBI data/users governed by Information Sharing Policy Board (ISPB)
 - Advisory Policy Group
 - OGC
 - CPO
 - Investigative Divisions
 - Headquarters/CJIS
- Governed by the CJIS Advisory Policy Board (APB)
 - State and local representatives share management of administration and operation of the System.
 - Building upon 3 decades of trusted partnerships on NCIC, III, and IAFIS.
- Developed to support national information sharing across jurisdictional boundaries of the law enforcement community.
- Standards based data submissions [NIEM]
- Increment 1 users can access the N-DEX data via CJIS WAN or secure internet connection.
 - FBI access via LEO (www.leo.gov)

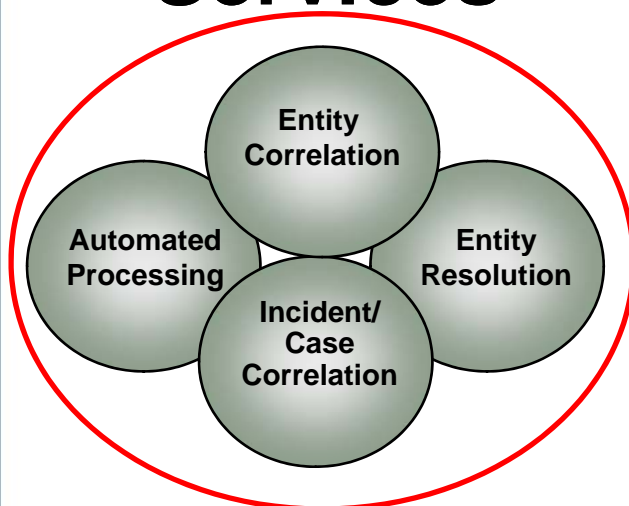


N-DEx Milestones

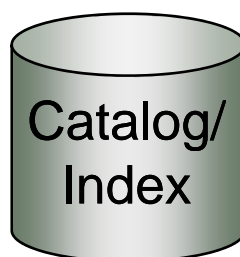
- **Deployment**
 - Deployment of N-DEx Increment 1 03/19/08
 - Initial rollout focused on data providers and associated FBI Field Offices
 - Deployment of N-DEx Increment 2 07/20/2009
 - Delivery of Increment 3 scheduled for 2010
 - SME Requirements Review – 12/17/2008
- **FBI Information Sharing Policy Board approved the sharing of FBI UNI and ECF data (open and closed case data)**
 - FBI UNI data loaded into N-DEx
 - FBI ECF data loaded into N-DEx



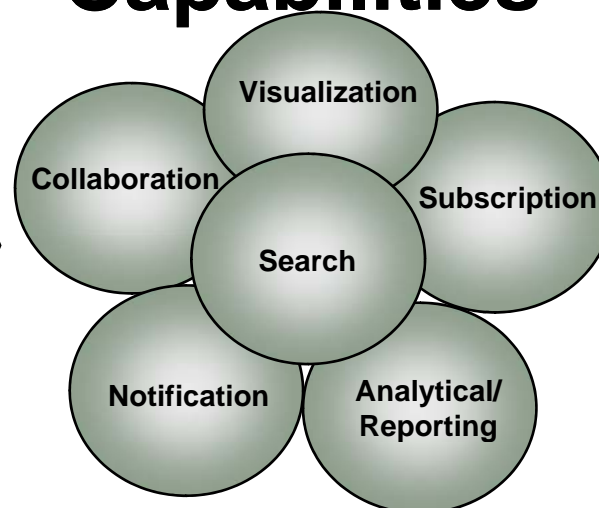
Services



N-DEX



Capabilities

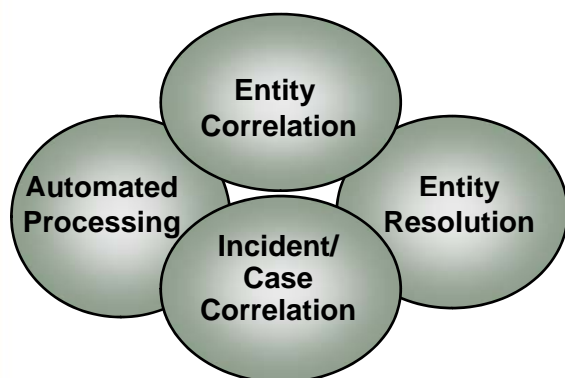


- *“Under the hood” automated processes triggered by the ingestion of contributor data*
 - **Entity Resolution:**
Automatically determines related entries that may contain varying or non-exact details
 - **Entity Correlation:**
Identifies non-obvious relationships between people, places, and things
 - **Incident/Case Correlation:**
Finds patterns that link incidents/cases and similar Modus Operandi
 - **Automated Processing:**
Automatically performs processing of data submissions and provides alerts back to users

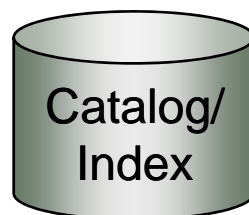
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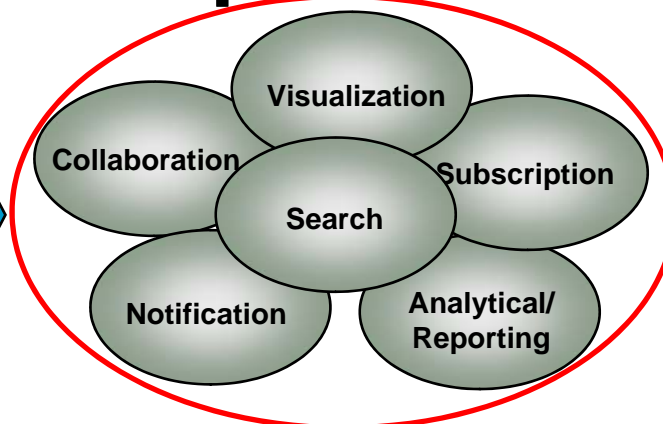
Services



N-DEX

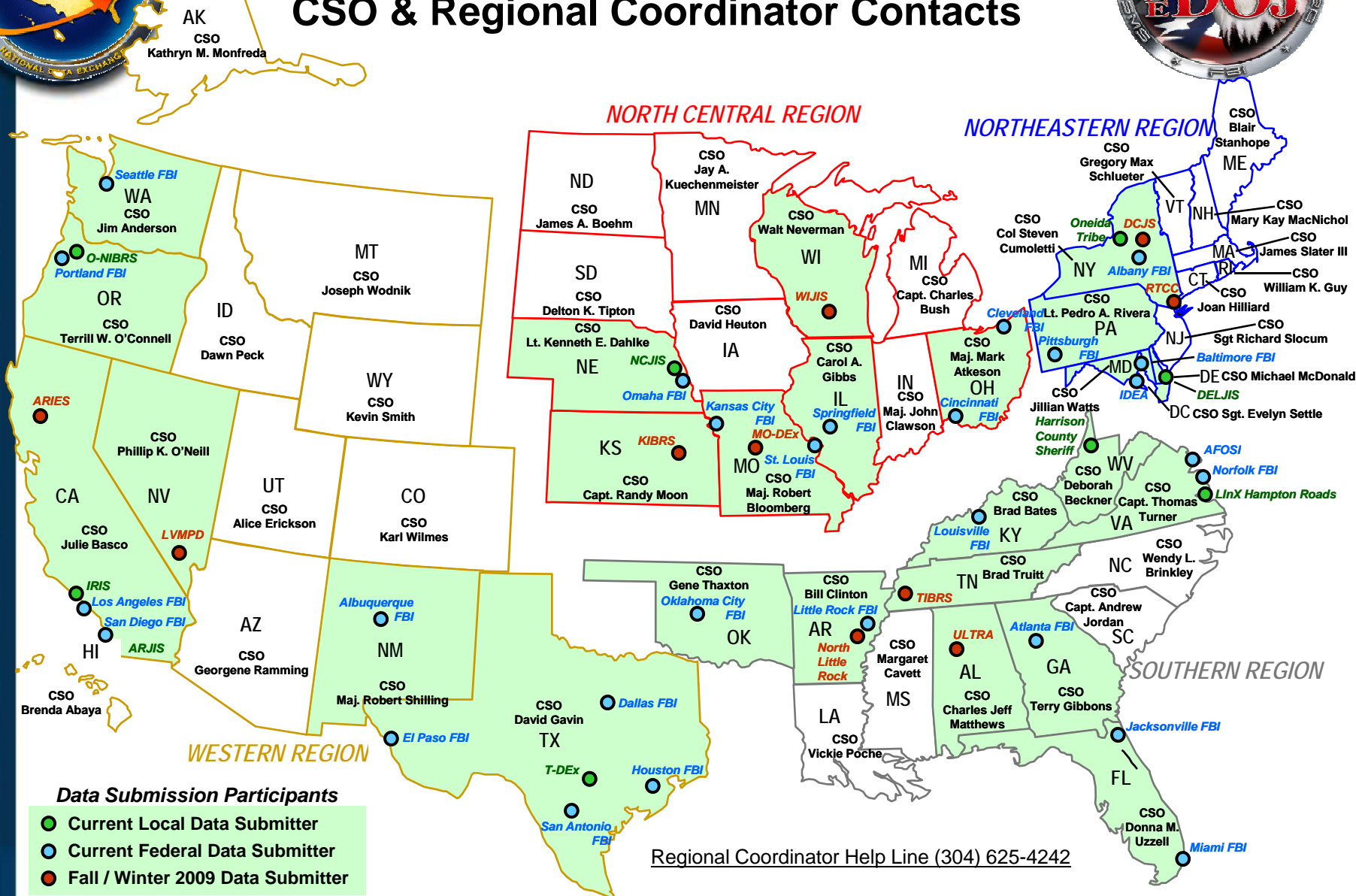


Capabilities



Applications users can deploy to benefit from the information within the system

- **Search:**
Search for people, places, things, crime characteristics, and perform key word searches
- **Subscription/Notification:**
Allows LEAs to register for information events about entities and subjects of interest
- **Collaboration:**
Enables real-time collaboration and sharing of information with other N-DEX users
- **Visualization:**
Visualize complex returns from correlations, search, and report functions
- **Analytical/Reporting:**
Assists in the identification of criminal networks, crime patterns, and crime trends





Searchable N-DEx Records

(as of October 22, 2009)

<u>Component</u>	<u>Source</u>	<u>Record Description</u>	<u>Data Volume</u>
ATF	NFORCE	<ul style="list-style-type: none"> •Subject of Interest •Open & Closed cases 	76,534
BOP	ITSLOG	<ul style="list-style-type: none"> •Federal inmate authorized call logs 	11,176,242
	ITSLIST	<ul style="list-style-type: none"> •Federal inmate authorized call lists 	2,469,400
	SENTRY	<ul style="list-style-type: none"> •Federal inmate biographical & activity records through out incarceration 	1,482,854
DEA	NADDIS	<ul style="list-style-type: none"> •Subjects of interest w/phone numbers, locations and associates •Open cases 	3,272,088
FBI	FBI ECF Data	<ul style="list-style-type: none"> •Open and closed case records, including narratives 	190,320
	FBI UNI Data	<ul style="list-style-type: none"> •Subjects of interest with phone numbers, locations and associates •Open and Closed cases 	472,262
U.S. Marshal Service	WIN	<ul style="list-style-type: none"> •Case Records 	52,693



Searchable N-DEx Records



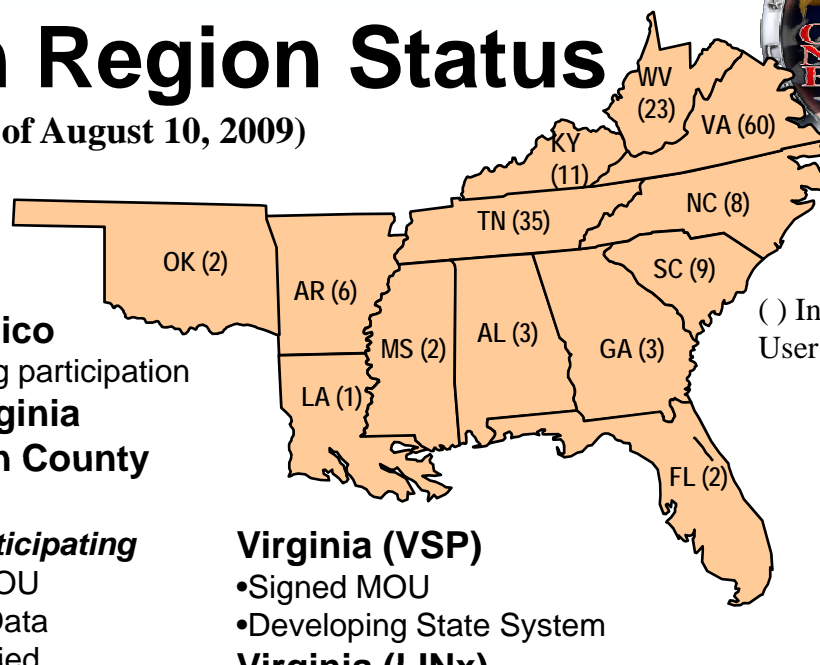
(as of October 22,2009)

<u>Component</u>	<u>Source</u>	<u>Record Description</u>	<u>Data Volume</u>
Air Force OSI	I2MS	•Incident/Case	13,688
California – San Diego	ARJIS	•Incident/Case	1,333,605
California – Los Angeles	IRIS	•Incident/Case	3,007,887
Delaware	DELJIS	•Incident/Case	294,589
Nebraska	NCJIS	•Incident/Case	65,845
Oneida Indian Nation New York	Oneida	•Incident/Case	45
Oregon	O-NIBRS	•Incident/Case	490,554
Texas	T-DEx	•Incident/Case	38,164,080
VA – Hampton Roads	LInX	•Incident/Case	585,182
West Virginia	Harrison Co.	•Incident/Case	2,999



Southern Region Status

(as of August 10, 2009)



() Indicates number of User Accounts

Arkansas (North Little Rock PD)

- Signed MOU
- Mapping complete
- Data Verified

•Arkansas

- Reviewing MOU
- Evaluating Participation

Louisiana

- Working on state strategy

Mississippi (DOC)

- Reviewing MOU
- Developing DOC data submission

Kentucky

- State Reviewing MOU
- Developing DOC data submission
- Vendor for State System creating cost analysis

Tennessee

- Signed MOU
- Data Mapping Complete
- Working on Increment II

Alabama

- Signed MOU
- Currently Mapping Data

Virgin Islands

- Evaluating participation

Puerto Rico

- Evaluating participation

West Virginia

(Harrison County Sheriff)

•Fully Participating

- Signed MOU
- Mapped Data
- Data Verified
- Developed Data Submission Methods
- Defined State Level rules
- Identified Personnel with roles & responsibilities
- Identified and promote N-DEx Users

(Morgantown – Monongalia County)

- Evaluating participation

Virginia (VSP)

- Signed MOU
- Developing State System

Virginia (LINx)

•Fully Participating

- Signed MOU
- Mapped Data
- Data Verified
- Developed Data Submission Methods
- Defined State Level rules
- Identified Personnel with roles & responsibilities
- Identified and promote N-DEx Users

Oklahoma

- Evaluating participation

North Carolina

- Reviewing MOU
- Developing State System

South Carolina

- Reviewing MOU

Georgia (Marietta PD)

- Signed MOU
- Mapping Data
- Previous Data Submission Verified

Florida

- Reviewing MOU
- Developing State System



Increment 2 Full Text Search



NDEX National Data Exchange Help | Training | Profile | Sign Out

Search | Subscription | Collaboration | Preferences

Structured Search | **Full Text Search**

Search History Minimize Maximize

check all | uncheck all | [Delete](#)

☐ All these words: kristine [Go to Query](#) [Go to Results](#)

☐ All these words: civil disorder [Go to Query](#) [Go to Results](#)

TextSearch Minimize Maximize

Search the following datasources...
☒ NDEX ☐ OneDOJ

Find records that have...
all these words:
this exact wording or phrase:
one or more of these words: OR OR
But don't show pages that have...
any of these unwanted words:

[Submit](#) [Reset](#)

Help ⓘ

The wildcard character '*' can be used to match zero or more characters at a specific position in a search word or phrase

The wildcard character '?' can be used to match a single character at a specific position in a search word or phrase

Saved Search Results Minimize Maximize


Create new Folder

Saved Search Queries Minimize Maximize

all these words: tattoo, any of these unwanted words: Delaware	Populate Search
this exact wording or phrase: Jim Jackson Smith	Populate Search
one or more of these words: Jim Smith Bethany Delaware, any of these unwanted words: Rehobeth	Populate Search
all these words: tattoo rose biker	Populate Search
all these words: bike gang Riverdale Maryland	Populate Search



Full Text Results



National Data Exchange

Help | Training | Sign Out

Search | Preferences | Subscriptions | Collaboration | Audit

Structured Search | Full Text Search

Saved Results

Maximize | Minimize | Float | Edit

- Green River Records
- Dutch Schultz Records
- Al Capone Search Results
- Jack the Ripper Records
- Haymarket Records

Search Presets

Maximize | Minimize | Float | Edit

all these words: tattoo, any of these unwanted words: [Populate Search](#)

Delaware

this exact wording or phrase: [Populate Search](#)

Jim Jackson Smith

one or more of these words: [Populate Search](#)

Jim Smith Bethany Delaware, any of these unwanted words: [Populate Search](#)

Rehobeth

all these words: tattoo rose biker [Populate Search](#)

Search History

Maximize | Minimize | Float | Edit

Select	Date/Time	Search Type	Search Criteria		
<input type="checkbox"/>	Dec 10, 2007 2:52 PM	Full-Text	Cynthia Carpenter	Go to Query	Go to Results
<input type="checkbox"/>	Dec 09, 2007 2:34 PM	Structured	First Name: Cynthia Last Name: Cynthia	Go to Query	Go to Results
<input type="checkbox"/>	Dec 05,		Make: Ford	Go to Query	Go to Results

Full Text Search

Maximize | Minimize | Float | Edit

Your search for **tattoo** excluding Delaware returned 5 results

[Back to Query](#) [Save Query](#)


[Link Visualization](#) [Geo Visualization](#) [Save Records](#) [Subscribe to Records](#)

<input type="checkbox"/> Score ▾	Activity ID	Activity Type	Owning Agency	Incident Date	
<input type="checkbox"/> 97	07017339OR0240200	Arrest	WI0681400	2008-01-01	View
<input type="checkbox"/> 96	07017163OR0240200	Offense	WI04 PEWAUKEE PD WAUKESHA, WI		View
<input type="checkbox"/> 95	07017359OR0240200	Arrest	WI0451000	2004-12-24	View
<input type="checkbox"/> 94	07011527OR0240200	Arrest	WI0250800	2002-12-12	View
<input type="checkbox"/> 93	07085369OR0240200	Offense	WI0450100	2000-5-15	View



Increment 2 Structured Search



**National Data Exchange**

Help | Training | Profile | Sign Out

SearchSubscriptionCollaborationPreferences

Structured SearchFull Text Search

Search HistoryMinimizeMaximize

check all | uncheck all | Delete

☐ First Name: remington Last Name: steeleGo to QueryGo to Results

☐ First Name: jim Last Name: smith OLN State/Territory: FLGo to QueryGo to Results

☐ First Name: jim Last Name: smith OLN State/Territory: FLGo to QueryGo to Results

Saved Search ResultsMinimizeMaximize

Create new Folder

Saved Search QueriesMinimizeMaximize

check all | uncheck all | Delete

☐ First Name: remington Last Name: steelePopulate Search

☐ First Name: jim Last Name: smith OLN State/Territory: FLPopulate Search

☐ First Name: jim Last Name: smith OLN State/Territory: FLPopulate Search

Structured SearchMinimizeMaximize

Data Sources:

PersonCrime Characteristics Vehicle/Property Location

Last NameFirst NameMiddle Name

AKASexRaceSSN

-- Select --

-- Select --

Date of BirthCurrent Age +/- OLN/DLOLN State/Territory

+/-1

-- Select --

mm dd yyyy

Case Number (NCIC)NIC Number (NCIC)

More Search Options

Geospatial Search

Limit Your Search

Search Performed on Behalf of

Search Reason (Required)

Investigative Purposes (N-DEx)

Clear this tab Clear all Tabs

search

Unclassified/For Official Use Only

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Using Geospatial Search

Users will be able to select from one of the following Geospatial Search categories:

Radius

Nearest To

Contained Within a Region

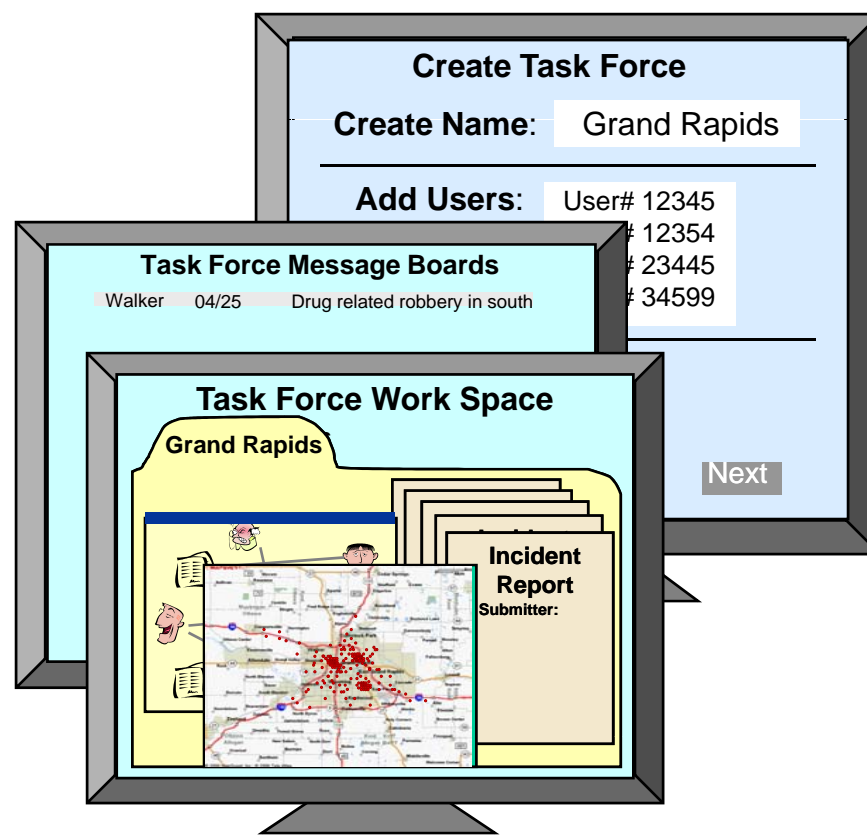
Unclassified/For Official Use Only



Collaboration

Increment 2 will provide a collaboration function to enable N-DEX users to exchange information with other N-DEX users.

- Share information from user's desktop
 - Note: Users must save screen shots of Link Vis, GeoVis and/or export search results back to the user's PC and then upload into the Collaboration area
 - No direct integration from Link Vis/Geo-Vis or Search results into Collaboration area until Inc III
- Capability to create folders/share files within workspace
- Creation of collaboration groups (e.g. task force)
- Use the built-in text editor to type a message directly into the Collaboration area.





Subscription Capabilities

- The Subscription capability allows users to subscribe to automatic notifications regarding entities of interest to them.
 - **New Entity Subscription**
 - *“Let me know if a record is submitted to N-DEx that contains the same or very similar information to a person, location, property or incident I defined in my subscription”.*
 - **Known Entity Subscription**
 - *“Let me know if a record is submitted to N-DEx that ‘matches’ a person, place, location or incident that already exists in N-DEx, in which I am interested”.*



Subscription Capabilities



- **Search Subscription – “Who else is looking”**
 - *“Let me know if any user is searching for information that is the same as, or very similar to, the information I have entered in my search subscription”.*
- **Record Update Subscription**
 - *“Let me know if a specific record in N-DEx, that I am interested in, is either updated, replaced or deleted”.*

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