• **DHS INFORMATION SHARING VISION STATEMENT**

  By September 30, 2015, DHS will transform the Department’s culture, policies, and architecture (e.g., processes, standards, and technologies) to enable the consistent successful execution of the five core homeland security missions and further mature and strengthen the homeland security enterprise’s information sharing environment to ensure that the right information gets to the right people at the right time, while protecting privacy, civil rights, and civil liberties.

• **DHS LEISI VISION STATEMENT**

  DHS LEISI will enable an agile environment for sharing DHS Law Enforcement Information, thereby increasing the security and safety of the Homeland.
Recent Accomplishments

• Recent Agreements
  • Law Enforcement Information Exchange (LInX) National Capital Region (NCR)
  • National Drug Pointer Index System (NDPIIX)
  • International Justice and Public Safety Network (Nlets)
  • National Counterterrorism Center (NCTC) – Arrival and Departure Information System (ADIS)
  • NCTC – Electronic System for Travel Authorization (ESTA)
  • LInX Hampton Roads
  • Law Enforcement National Data Exchange (N-DEX)
  • Southern California LInX (So Cal LInX)

• Special Projects
  • National Drug Pointer Index (NDPIIX)
  • Organized Crime Drug Enforcement Task Force (OCDETF)
  • El Paso Intelligence Center (EPIC)
  • TECS Supplemental Codes
  • National Counterterrorism Center (NCTC)
LEIS Service - Single Access to Federal Law Enforcement Information

State Local and Regional Information Sharing Applications
- TX LEAP
- LASD
- LInX
- TECS
- OCDETF
- PCSC
- Interpol

LEIS Service
- TDEX
- ARJIS
- Nnets
- LInX NW
- LInX HR
- NDPIX
- EPIC
- N-DEX
- NCTC
- Europol
- SAG
- SOCA
- EPIC
- TECS
- OCDETF
- PCSC
- Interpol

NEIM, LEXS 3.1
Search & Retrieve
Publish & Discover

DHS ESB
ICE INFO | ICE DFD
ICE DF
ONE DOJ
Tactical Services
Analytic Services
Tactical Services
Analytic Services
Tactical Services
Analytic Services

For Official Use Only (when filled in)
Increase of over 200% since August 2011!
Internal Users Searching Sharing Partners via LEISS

This chart represents the number of search requests for different web services within the past 5 months.
Total Searches by DHS Agency

<table>
<thead>
<tr>
<th>Department</th>
<th>Search Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citizenship Immigration Services</td>
<td>13,971</td>
</tr>
<tr>
<td>Customs and Border Protection</td>
<td>22,451</td>
</tr>
<tr>
<td>HQ Federal Protective Service</td>
<td>2,811</td>
</tr>
<tr>
<td>OIA - Office of Intelligence &amp; Analysis</td>
<td>1,511</td>
</tr>
<tr>
<td>Transportation Security Administration</td>
<td>349</td>
</tr>
<tr>
<td>U.S. Immigration and Customs Enforcement</td>
<td>153,499</td>
</tr>
<tr>
<td>United States Secret Service</td>
<td>3,212</td>
</tr>
<tr>
<td>Total</td>
<td>197,004</td>
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</table>

Graph of Total Searches by DHS Agency

- Customs and Border Protection
- United States Secret Service
- OIA - Office of Intelligence & Analysis
- U.S. Immigration and Customs Enforcement
- Transportation Security Administration
- HQ Federal Protective Service
This data represents records from over 16 data sources including TECS, NSEERS, ENFORCE, ADIS, SEVIS, and LESC, loaded within the most recent three months. The entity count reflects the system identifying multiple records to be the same person.

### Total Entities/Records Ingested

<table>
<thead>
<tr>
<th>Load Date</th>
<th>Entities Present</th>
<th>Records Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>17-FEB-11</td>
<td>254,165,241</td>
<td>254,165,241</td>
</tr>
<tr>
<td>10-FEB-11</td>
<td>253,835,927</td>
<td>253,835,927</td>
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<tr>
<td>03-FEB-11</td>
<td>253,520,880</td>
<td>253,520,880</td>
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<tr>
<td>27-JAN-11</td>
<td>253,352,342</td>
<td>253,352,342</td>
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<tr>
<td>20-JAN-11</td>
<td>253,146,072</td>
<td>253,146,072</td>
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<tr>
<td>13-JAN-11</td>
<td>253,074,976</td>
<td>253,074,976</td>
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<tr>
<td>05-JAN-11</td>
<td>253,066,968</td>
<td>253,066,968</td>
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<tr>
<td>30-DEC-10</td>
<td>252,776,417</td>
<td>252,776,417</td>
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<tr>
<td>23-DEC-10</td>
<td>252,847,964</td>
<td>252,847,964</td>
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<tr>
<td>09-DEC-10</td>
<td>252,866,320</td>
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<tr>
<td>02-DEC-10</td>
<td>252,925,987</td>
<td>252,925,987</td>
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<tr>
<td>25-NOV-10</td>
<td>253,064,127</td>
<td>253,064,127</td>
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</table>

### Three Month Total Records Ingested

<table>
<thead>
<tr>
<th>Load Date</th>
<th>Records Present</th>
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<tr>
<td>17-FEB-11</td>
<td>332,980,720</td>
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<tr>
<td>10-FEB-11</td>
<td>332,165,547</td>
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<tr>
<td>03-FEB-11</td>
<td>332,014,594</td>
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<tr>
<td>27-JAN-11</td>
<td>331,435,779</td>
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<tr>
<td>20-JAN-11</td>
<td>330,804,403</td>
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<tr>
<td>13-JAN-11</td>
<td>330,575,618</td>
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<tr>
<td>05-JAN-11</td>
<td>330,338,989</td>
</tr>
<tr>
<td>30-DEC-10</td>
<td>330,003,930</td>
</tr>
<tr>
<td>23-DEC-10</td>
<td>329,860,761</td>
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<td>09-DEC-10</td>
<td>329,450,226</td>
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<td>02-DEC-10</td>
<td>329,180,369</td>
</tr>
<tr>
<td>25-NOV-10</td>
<td>329,040,475</td>
</tr>
</tbody>
</table>
Records Ingested By Source

For Official Use Only (when filled in)
Current Law Enforcement Information Sharing Network

(LINX NW) Seattle - Aug 2008
291 Agencies
MSA Pop – 2.5M

LASD (COPLINK) – Mar 2008; 1 Agency
MSA Pop. – 9.9M

ARJIS (SD) – Ma20r 08
59 Agencies
MSA Pop. 3.0M

AZ Link - 3Q 2009
42 agencies
Pop. 6.6M

So Cal LInX
Expected 1Q FY2011
MSA Pop. 17.7M

TX LEAP - 3Q 2009
Expected 100 Agencies
State Pop. – 23.8M

TDEx –September 2009
464 Agencies
State Pop. – 23.8M

N DEx September 2010
1000+ Agencies
Nationwide

(LInX National Capital Region)
115 Agencies
MSA Pop. 5.3M

(LInX Hampton Roads)
Expected 33 Agencies
MSA – Pop. 1.7M

Nlets – 784K Law Enforcement Officers in US and Canada
• Current Status

  • Existing Connections
    • ARJIS: 59 participating agencies; 6,406 user accounts
    • LASD: 1 participating agency, 973 user accounts
    • LInX NW: 301 participating agencies; 11,055 user accounts
    • AZLink (Tucson, Maricopa, Mesa): 42 participating agencies; 6,330 user accounts
    • OneDOJ: 8 participating agencies; 936 user accounts
    • LInX NCR: 115 participating agencies; 8,900 user accounts
    • T-DEx: 464 participating agencies, 20,924
    • State Department CCD: 1 participating agency
    • Total: 991 participating agencies: 55,524 user accounts

• Future

  • HSIN – Fusion Centers/Non-Regional State and Local Systems
  • Full Deployment of NLETS
  • Enrichment of data sources
  • Incorporate DHS components into LEISS such as FPS and Coast Guard
LEXS 2.0 vs LEXS 3.1

• LEXS 2.0 implemented in LEISS
  • Structured Search Request
  • Structured Search Response
  • Get Item Request
  • Get Item Response

• LEXS 3.1 Implementation in LEISS
  • Provides the above functionality plus
    • Get Attachments Request
    • Get Attachments Response
  • This enables retrieval and display of attachments such as ENFORCE mug shots
    • This can be expanded to retrieve attachments from other sources
  • LEISS 1.7 also provides the ability to search unstructured text

• Additional fields Provided in LEISS 1.7 using LEXS 3.1
  • ENFORCE Photos
  • TECS Case information
LEXS 2.0 to LEXS 3.1.4 Upgrade

- **Enforce**
  - Robust Biometric and Biographic Data Attributes
  - Images, Mug shots, Scars/Marks/Tattoos

- **TECS**
  - Case Status
  - Case Agent First Name
  - Case Agent Last Name
  - Case Agent Phone
  - Case Title
  - Case Short Description
  - Joint Task Force Indicator

- **Efficient Architecture**
Additional LEISS Benefits

- Deconfliction (D-NDPIX), meeting Officer Safety
  - Submissions in past 12 Months – 1,099
  - Hits (Operational ‘Clashes’) – 288

- Large Public Events, Vendor Employee Verification
  - Super Bowl 2011 (33,381 Vendor Applications/337 ‘Hits’)
  - Pro Bowl (2,259 Vendor Applications/11 ‘Hits’)
  - National Party Conventions

- Organized Crime Drug Enforcement Task Force (OCDETF) Sharing

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL CASES</td>
<td>794,666</td>
</tr>
<tr>
<td>TOTAL ROIS</td>
<td>4,860,124</td>
</tr>
<tr>
<td>TOTAL NARRATIVES</td>
<td>18,946,083</td>
</tr>
<tr>
<td>TOTAL PERSON SUBJECTS</td>
<td>5,927,094</td>
</tr>
<tr>
<td>TOTAL ORGS</td>
<td>355,053</td>
</tr>
<tr>
<td>TOTAL AIRCRAFTS</td>
<td>5,210</td>
</tr>
<tr>
<td>TOTAL THINGS</td>
<td>79,087</td>
</tr>
<tr>
<td>TOTAL VEHICLES</td>
<td>552,450</td>
</tr>
<tr>
<td>TOTAL VESSELS</td>
<td>151,207</td>
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<tr>
<td>Report Total:</td>
<td>31,670,974</td>
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</tbody>
</table>
LEISS Gain with Roll Out of NLETS Users

About Nlets (cont.)

- Nearly 1 billion
  - Transactions a year
- 900,000
  - PC, mobile and handheld devices in the U.S. and Canada
- 45,000
  - User agencies
- 1.2 million
  - Individual users

- The DHS LEISS will control its rollout with NLETS
- Users query the LEISS via a General Purpose Query (GPQ)
- This capability addresses the DHS LEISS Mission for Officer Safety

In addition to all State, Local, Tribal and International users, many Federal Agencies gain access to DHS LE data

USER AGENCIES
Federal

- Air Force
- Army
- Coast Guard
- Customs & Border Protection
- Dept. of Defense (PERSEREC)
- Dept. of Interior
- Dept. of Justice
- Dept. of State
- El Paso Intelligence Center

- Federal Aviation Administration
- FBI / NCIC
- Federal Motor Carrier Safety Admin.
- Federal Protective Service
- Immigration & Customs Enforcement
- Interpol
- National Weather Service / NOAA

- Navy
- Office of Personnel Management
- Postal Inspection Service
- Secret Service
- Social Security Admin., OIG
- Transportation Security Admin.
- U.S. Courts
- Veteran’s Affairs
Utilize the Established Sharing Communities

DOD (LiNX)

ONE-DOJ Regional (select) DOJ case data; 5,000 users

DOJ

N-DEx

National scale Federal, State, Local, and Tribal data; 200,000 users

DHS will connect to established communities via N-DEx Connections
Sharing Partners and internal users gain access to Over **103,900,000** records currently in N-DEx and increasing daily

<table>
<thead>
<tr>
<th>Component</th>
<th>Source</th>
<th>Record Description</th>
<th>Data Volume</th>
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</thead>
<tbody>
<tr>
<td>ATF</td>
<td>NFORCE</td>
<td>• Subject of Interest &lt;br&gt;• Open &amp; Closed cases</td>
<td>87,099</td>
</tr>
<tr>
<td>BOP</td>
<td>ITSLOG</td>
<td>• Federal inmate authorized call logs</td>
<td>11,176,243</td>
</tr>
<tr>
<td></td>
<td>ITSLIST</td>
<td>• Federal inmate authorized call lists</td>
<td>2,469,401</td>
</tr>
<tr>
<td></td>
<td>SENTRY</td>
<td>• Federal inmate biographical &amp; activity records through out incarceration</td>
<td>1,528,997</td>
</tr>
<tr>
<td>DEA</td>
<td>NADDIS</td>
<td>• Subjects of interest w/phone numbers, locations and associates &lt;br&gt;• Open cases</td>
<td>3,286,048</td>
</tr>
<tr>
<td>FBI</td>
<td>FBI ECF Data</td>
<td>• Open and closed case records, including narratives</td>
<td>193,114</td>
</tr>
<tr>
<td></td>
<td>FBI UNI Data</td>
<td>• Subjects of interest with phone numbers, locations and associates &lt;br&gt;• Open and Closed cases</td>
<td>482,193</td>
</tr>
<tr>
<td>U.S. Marshal Service</td>
<td>WIN</td>
<td>• Case Records</td>
<td>52,693</td>
</tr>
<tr>
<td>JABS - Joint Automated Booking System</td>
<td>JABS</td>
<td>• Images</td>
<td>3,760,368</td>
</tr>
<tr>
<td></td>
<td>JABS</td>
<td>• Booking data</td>
<td>3,413,335</td>
</tr>
</tbody>
</table>
Additional Federated Partners Via N-DEx FY11/12

- **State**
  - Illinois (I-CLEAR)
  - Indiana – DOC
  - Massachusetts (SWISS)
  - Nevada – DOC
  - New York (NYDEx)
  - Oklahoma (SIBRS)
  - West Virginia – DOC

- **Regional**
  - Chicago (CLEAR)
  - District of Columbia MPD
  - Gulf Coast Region (LInX)
  - Los Angeles Police Department
  - Marietta, GA Police Department
  - Mifflin County, PA
  - National Capitol Region (LInX)
  - New Orleans Police Department
  - North Little Rock, AR
  - Northwest Region (LInX)
  - Rio Grande (LInX)
  - Santa Clara, CA (SBISS)
  - Southeast Region (LInX)
  - Southeastern Pennsylvania (LEJIS)
  - Southern California (LInX)
  - St. Louis (Crimematrix)
• **Funding**
  - No recognition as a Department budgetary line item
  - Limited visibility in resource allocation process
  - Limited personnel resources

• **Law Enforcement Information Sharing Service (LEIS Service)**
  - ICE Law Enforcement Support Center (LESC) is the current 24-hour contact point for law enforcement agencies needing additional information.
  - As the LEIS Service grows and is able to ingest other DHS component information for sharing, the LESC will need to have component expertise available to answer questions beyond those concerning immigration centric information.

• **Expansion of DHS Accessible data elements**
  - ICE and CBP are the only contributors of LE data to the DHS LEIS Service
FY2011 Activities

• 2010 IACP Conference
• 2010 Major City Chiefs Conference
• 2010 Nlets Federal Members Meeting
• 2011 IJIS Conference
• 2011 National Fusion Center Conference
• 2011 IACP Law Enforcement Information Management Conference
• 2011 APCO Conference
• 2011 National Sheriff’s Association Conference
• 2011 IIR Global Justice Information Sharing Initiative
• 2011 Nlets Conference
• Various Partner Conferences and Meetings