NCR-LInX Membership — 127 Members
NCR-LInX Governance

- **NCR-LInX Memorandum of Understanding**
  - To be a member agency, an agency MUST provide data
  - Each agency retains ownership of the data they share with LInX

- **NCR-LInX Operational Policy and Rules**
  - All users MUST read AND sign

- **NCR-LInX Governance Board**
  - Composed of each participating agency’s Head or designee (formally meets semi-annually – March and September)
  - One vote per agency regardless of size
  - Nine Member Executive Committee - makes routine decisions & meets every other month (Jan, May, July, and November)
  - Legal Committee – reviews information sharing laws and provides recommendations
  - Oversight Committee - ensure compliance with the rules and policies and recommends changes to policies, rules, and training requirements
STATE FUNDING to Maryland State Police
(Contract Between CapWIN & Northrop Grumman)
  - Wicomico County SO (OSSI Pistol)
  - Ocean City PD (OSSI Pistol)
  - Easton PD (HTE)
  - Chestertown PD (CrimeStar)

BJA GRANT FUNDING to Maryland State Police
(Contract Between CapWIN & Northrop Grumman)
  - Caroline County SO (New World)

NCR UASI 2012 Reprogrammed Funds**
(Contract between Montgomery Co & Northrop Grumman)
  - Cambridge PD
  - Denton PD including:
    - Federalsburg PD
    - Greensboro PD
    - Ridgely PD
  - Dorchester County SO
  - Kent County SO
  - Queen Anne County SO
  - Salisbury PD
  - Somerset County SO
  - Talbot County SO
  - Worcester County SO
## LinX Regions Summary - Data / Users

<table>
<thead>
<tr>
<th>Region</th>
<th>Member Agencies in Region</th>
<th>Agencies providing Data</th>
<th>Trained Active Users per Region</th>
<th>Total Event Records</th>
<th>Narratives</th>
<th>Mugshots</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDepx</td>
<td>9</td>
<td>9</td>
<td>876</td>
<td>1,529,072</td>
<td>6,255,038</td>
<td>12,781</td>
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<tr>
<td>Northeast LinX</td>
<td>26</td>
<td>23</td>
<td>445</td>
<td>12,941,313</td>
<td>15,310,819</td>
<td>441,138</td>
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<tr>
<td>National Capital Region LinX</td>
<td>127</td>
<td>123</td>
<td>9,498</td>
<td>113,746,521</td>
<td>77,664,805</td>
<td>11,369,565</td>
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<td>Virginia LinX</td>
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<td>211</td>
<td>7,171</td>
<td>59,143,246</td>
<td>37,364,243</td>
<td>8,363,542</td>
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<tr>
<td>Carolinas LinX</td>
<td>325</td>
<td>298</td>
<td>2,208</td>
<td>40,627,638</td>
<td>34,658,977</td>
<td>2,207,551</td>
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<tr>
<td>Southeast LinX</td>
<td>79</td>
<td>65</td>
<td>4,779</td>
<td>76,553,989</td>
<td>82,643,009</td>
<td>6,205,703</td>
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<tr>
<td>Gulf Coast LinX</td>
<td>42</td>
<td>34</td>
<td>890</td>
<td>38,867,165</td>
<td>17,357,069</td>
<td>918,100</td>
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<tr>
<td>Rio Grande LinX</td>
<td>40</td>
<td>32</td>
<td>1,561</td>
<td>18,330,595</td>
<td>13,035,263</td>
<td>987,060</td>
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<td>Southern California LinX</td>
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<td>25</td>
<td>3,105</td>
<td>50,197,910</td>
<td>32,395,413</td>
<td>5,740,141</td>
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<tr>
<td>Northwest LinX</td>
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<td>225</td>
<td>7,633</td>
<td>41,283,490</td>
<td>20,412,839</td>
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<tr>
<td>Hawaii LinX</td>
<td>10</td>
<td>6</td>
<td>216</td>
<td>12,849,845</td>
<td>4,812,878</td>
<td>251,460</td>
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<tr>
<td><strong>Total in LinX</strong></td>
<td><strong>1,251</strong></td>
<td><strong>1,051</strong></td>
<td><strong>38,382</strong></td>
<td><strong>466,070,784</strong></td>
<td><strong>341,910,353</strong></td>
<td><strong>45,857,260</strong></td>
</tr>
</tbody>
</table>

- **Total in LinX - Sept 2012**: 941, 764, 37,348, 411,980,584, 285,925,929, 39,796,852
- **Total in LinX - Oct 2011**: 894, 705, 35,980, 352,197,093, 223,618,043, 35,156,770
- **% Increase 2011-2013**: 40%, 49%, 7%, 32%, 53%, 30% 

* Trained Active Users = Non disabled, non deleted user accounts that have logged into LinX at least once.
LinX Regions Data – Records Types

- Over 466 Million Event Records
- Over 45 Million Mugshots

- CAD: 29.6%
- Incidents: 22.4%
- Citations: 15.6%
- Juvenile Involved Incidents: 2.2%
- Juvenile Involved Arrests: 0.6%
- Arrests: 9.7%
- Pawn: 9.0%
- Traffic Field Interviews: 2.0%
- Registry: 1.5%
- Bookings: 4.0%
- Warrants: 3.4%
### LINX Regions Summary - Usage

<table>
<thead>
<tr>
<th>LINX Region</th>
<th># Queries Against OWN LINX Region</th>
<th># Queries Against Other LINX Regions</th>
<th># Queries Against D-DEX</th>
<th># Queries Against N-DEX *</th>
<th># Queries Against DHS ICEPIC</th>
<th># Queries Against Other Partners **</th>
<th>Total Number of Queries</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-DEX</td>
<td>79,668</td>
<td>809,918</td>
<td>31,556</td>
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<td></td>
<td></td>
<td>921,142</td>
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<tr>
<td>Northeast LINX</td>
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<td>30,011</td>
<td>8,248</td>
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<td>89,643</td>
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<tr>
<td>National Capital Region LINX</td>
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<td>49,553</td>
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<td>6,274,936</td>
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<tr>
<td>Virginia LINX</td>
<td>1,708,329</td>
<td>1,498,680</td>
<td>353,039</td>
<td>5,399</td>
<td>5,107</td>
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<td>3,570,554</td>
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<tr>
<td>Carolinas LINX</td>
<td>147,650</td>
<td>138,678</td>
<td>31,142</td>
<td></td>
<td></td>
<td></td>
<td>399,753</td>
</tr>
<tr>
<td>Southeast LINX</td>
<td>744,927</td>
<td>518,292</td>
<td>66,415</td>
<td></td>
<td></td>
<td></td>
<td>1,329,634</td>
</tr>
<tr>
<td>Gulf Coast LINX</td>
<td>135,959</td>
<td>1,075,727</td>
<td>125,030</td>
<td>26,679</td>
<td></td>
<td></td>
<td>1,363,395</td>
</tr>
<tr>
<td>Rio Grande LINX</td>
<td>152,270</td>
<td>169,329</td>
<td>16,726</td>
<td></td>
<td>160</td>
<td></td>
<td>338,485</td>
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<tr>
<td>Southern California LINX</td>
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<td>89,364</td>
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<td>18,916</td>
<td>5,950</td>
<td>1,062,779</td>
</tr>
<tr>
<td>Northwest LINX</td>
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<td>744,389</td>
<td>658,208</td>
<td>16,144</td>
<td>680,681</td>
<td>3,527,034</td>
</tr>
<tr>
<td>Hawaii LINX</td>
<td>10,878</td>
<td>193,461</td>
<td>10,122</td>
<td>1,782</td>
<td></td>
<td></td>
<td>216,243</td>
</tr>
</tbody>
</table>

**Total Queries - Oct 2013**: 6,935,093

**Total Queries - Oct 2012**: 3,913,532

* OneDOJ was decommissioned on 30 Sept 2012. DOJ data is now available via N-DEX
** CA LINX has San Bernardino CopLink; RG LINX has AZ Mesa CopLink; NC LINX has Charlotte-Mecklinburg Coplink; NW has Alaska Coplink.
Training Requirements per Governance Board

- After six (6) months of inactivity, the user account becomes deactivated and the user must go back for refresher training.
- Every two (2) years all users must have at least 3 modules of online LInX refresher training or attend an hour of in-class refresher training provided by a certified LInX trainer.
- All NCR-LInX agency trainers are to be re-certified as trainers every two years. This means that any LInX trainer who has not been through the NCR-LInX Train-the-Trainer session in the last two years will need to re-certify.
NCR-LInX Training

- Train the Trainer
- Refresher Training
- Online Training Modules
- LInX Overview Training for New Recruits
- Training at the LE Academies
- Online Help
NCR-LInX MOST NOTABLE SUCCESS STORY

“NCR-LInX was instrumental in the identification, capture, and arrest of the so-called “East Coast Rapist.” Through ongoing efforts, a short list of suspects was generated from NCR-LInX. A detailed tip generated by a public outreach campaign led to the identification of the suspect and to his arrest.
NCR-LInX Other Project Work

- Regional Advanced Analytics – Pilot Projects
  - Use of NCR-LInX Backup System
  - Possible Integration with NCR License Plate Reader Project
  - Advanced Analytical Tools
    - ATAC application
    - i2 Notebook
    - GIS solutions
### Audit Enhancements

- Audit enhancements for downloading data from LInX
- Audit report for system/security administrators to view downloads by their users

### New Features

- Enhancements to the export capabilities (flat-file/ATAC exports)
- Enhancement to agency contribution report to show the most recently uploaded data for an agency

### Screenshots

#### Security Administration
- Security Audit Log
- LInX Usage Report
- User Usage Report
- Data Recall Report
- Security Access Log
- Agency Usage Report
- Deconfliction Report

#### Download History

- Site: ALL
- System: ALL
- Agency: ALL
- Download Date Range: 12/04/2013 to 12/04/2013
- Download Name: 
- Download Type: 
- Incident Number: 
- Incident Status: 

#### Table

<table>
<thead>
<tr>
<th>Incident #</th>
<th>Incident Type</th>
<th>Incident Date</th>
<th>Incident Site</th>
<th>Incident Agency</th>
<th>Status</th>
<th>Download Name</th>
<th>Download Type</th>
<th>Download Date</th>
</tr>
</thead>
</table>

No download history found
Connection with CapWIN
- Ability to Query NCR-LInX simultaneously with VCIN/METERS/WALES/NCIC
- Mobile LInX Capabilities

Connections with Coplink
- Several Regions are testing this capability

Maryland Looking into a Connection
- With their statewide CAD/RMS system
INTEGRATION WITH REGIONAL MOBILE AFIS

United States Naval Criminal Investigative Service
NCR-LInX & NCR-Biometrics

- Pilot Project with Motorola DataStrip Devices (2010-2011)
  - Officer uses biometric enabled handheld device to capture print and submits search to regional AFIS
  - If a hit is generated, authorized NCR-LInX users can initiate LInX Mobile session (browser-based) on handheld device.
  - LInX Mobile application parses hit return from AFIS, and performs a name search against the NCR-LInX system
  - Led to Development of LInX Handheld Solution

- Differences between MorphoIDent/Cogent and Datastrip Interfaces to NCR-LInX
  - NIST-compliant transaction files used to transfer information with MorphoIDent/Cogent. DataStrip devices used custom/one-off format.
  - MDTs/Laptops used for display of results, instead of DataStrip device / LInX Mobile application.
CONNECTIONS WITH NEWER DEVICES

Regional AFIS Network

- Montgomery County, Prince George's County
- Alexandria City
- Loudoun County
- Prince William County
- Virginia State AFIS
- U.S. Secret Service
- Virginia State AFIS
- DC AMIS
- Washington, D.C.
- VA Forensics
- Fairfax County
- Arlington County
- Fairmont
- Park Police
- Capital Police

NCR LinX System

- ETL Servers, Data Processing
- Tactical
- Analytical
- Free Text
- Web Server
- Export DB
- HTTPS

- User initiates biometric search against Regional AFIS Network
- If a hit is returned, demographic information and mugshot provided to officer
- Officer can then initiate an NCR-LinX mobile session to forward demographic information (name, DOB, AFIS#) for searching
- NCR-LinX information provided via web interface to Officer
Conducted a security analysis of smart phones used by member agencies identified through the survey (Android, iPhone, iPad)

Identified and completed the security upgrades for the LINX application on handheld

Presented findings to the NCR-LINX Governance Board and provided recommendations on options for moving forward with LINX on handhelds.
In March of 2013, the motion was made and approved to allow our member agencies that they can officially deploy the LinX Handheld Solution allowing the NCR LinX Users to have access to NCR-LinX data through the mobile application on these types of devices. Prior to deploying the member agencies are required to have a mobile policy in place. We will also to add this to the Annual Audit Checklist.

Currently Mobile Users will ONLY have access to NCR-LinX data. Access to the other regions data will depend on their Governance Board approvals.
LInX is a valuable information sharing partner for N-DEx
- LInX provides CJAs additional rich data sets not previously available to them.
- LInX/ N-DEx users benefit from increased collaboration.

Full integration with LInX is a top priority for N-DEx.
LInX staff and Northrop Grumman continue to work closely with N-DEx on outreach, strategies, and training efforts.
This mutual effort increases public safety, enhances investigations, and improves data standards.

CJIS Security – CJIS Compliance Statement for LInX
Security Enhancements

- Password rules and a Risked-Based authentication module were added to the LInX authentication process

Enhanced Auditing Capabilities

- Roles added for N-DEx connection
- Capture additional user, device, and platform attributes during the authentication process
Federal Data in N-DEx

- **FBI Records in N-DEx**
  - The FD-302s in Sentinel are shared with N-DEx.
  - Sentinel sends approximately 9,000 FD-302s weekly.

- **Other Federal data**
  - U.S. Bureau of Prisons
  - United States Marshals Service
  - Department of Homeland Security
  - Drug Enforcement Agency
  - Bureau of Alcohol, Tobacco, Firearms, & Explosives
LInX Status

Users

- Gulf Coast (Texas) LInX
- Southern California LInX
- D-DEx (Dept of Defense)
- Northwest LInX
- National Capital Region LInX
- Hawaii LInX
- Virginia LInX
- Rio Grande LInX
- Northeast LInX
- Southeast (FL, GA) LInX
- Carolinas LInX

Data

Updated as of 9/13/2013
The N-DEx DHS pass-through will enable web service users to search DHS without maintaining their direct connection.

This effort simplifies connection efforts, with DHS, for agencies.

An N-DEx build has been deployed that provides external partners the pass through ability to search DHS via webservice.

- LInX has been a trusted external partner during this endeavor.

N-DEx has identified issues and will deploy a secondary build. Due to government shut down, this build has been delayed.

Testing efforts will resume, in partnership, with LInX soon.