Law Enforcement Information Exchange

CJIN Governing Board Meeting

Raleigh, NC

Frank Palombo, NCIS LiNX Program Manager

Thursday, October 10, 2013

9:00 am EST
What is LInX?

- A regional approach to the sharing of law enforcement data among participating local, state, and federal law enforcement agencies to reduce crime
- Provides all participants with secure, daily access to cross-jurisdictional law enforcement data:
  - Force multiplier
  - Investigative lead generator
  - Increases agent/officer situational awareness and safety
  - Identifies previously unknown relationships/associates
Origins of Program

**Problem:**
- Local-state-federal sharing of LE data inadequate --
  - Locals often lack context for suspicious events of interest to DON
  - Info-sharing between jurisdictions informal, non-automated

**Solution:**
- Build LInX regional data warehouses –
  - Automated sharing of local/state/federal data
  - Ability to search, link, and analyze all data
  - Board of Governance oversees each site
  - Strictly limited to Law Enforcement data

**Status:**
- Operational in Ten Regions (and)
- Department of Defense Information Exchange (D-DEx)
LInX Record Types

- Records Management Data
  - Incident Structured Data
  - Incident Narratives/Supplemental Reports
- Investigative Reports
- Field Interviews / Suspicious Incidents
- Arrests/Bookings
- Mug Shots (includes SMT)
- CAD Data/Traffic Stops
- Pawn Shop Records/Pawn Tickets
- Traffic Crash/Accident Reports
- Traffic Summons Data
- Offender Registries
- Warrants
Over 850 Million Event Records
Over 45 Million Mugshots
Free text search capabilities
- Proximity Search (bomb within 2 words of threat)
- Thesaurus Capabilities (murder/homicide, marijuana/reefer, William/Bill/Billy, ...)

I2 iXv Chart Viewer
- Graphical representation of structured/unstructured data
- Capability to “walk data” to reveal relationships between entities (people, places, vehicles, phone numbers, weapons)
- Export Capability to I2 Analyst Notebook

Mapping Capabilities
- Ability to view LInX search results on a map
- Incorporation of map layers for specific areas (ie, critical infrastructure)
2007 - 20 Charter Agencies Established LInX NC Via NCIS Funded

- Brunswick County Sheriff's Office, Carteret County Sheriff's Department, Craven County Sheriff's Office, Cumberland County Sheriff's Office, Fayetteville Police Department, Goldsboro Police Department, Harnett County Sheriff's Office, Havelock Police Department, Hoke County Sheriff's Office, Jacksonville Police Department, Morehead City Police Department, Naval Criminal Investigative Service, New Bern Police Department, New Hanover County Sheriff's Office, North Carolina State Bureau of Investigation, North Carolina State Highway Patrol, Onslow County Sheriff's Office, Richlands Police Department, Wayne County Sheriff’s Office, Wilmington Police Department

20 Agencies Contributing ~29M Records & ~1.7M Mug Shots; Covered 12.5% of NC Population
2008-2009 - (21) Additional North Carolina Agencies Added Via NCIS Funding

- Burgaw Police Department, Cherry Hospital Police Department, Durham County Sheriff's Office, Durham Police Department, Fremont Police Department, Greenville Police Department, Holly Springs Police Department, Knightdale Police Department, Mount Olive Police Department, Pender County Sheriff's Office, Pikeville Police Department, Pitt County Sheriff's Office, Raleigh Police Department, River Bend Police Department, Surf City Police Department, Swansboro Police Department, Wake County Sheriff's Office, Walnut Creek Police Department, Wayne County Memorial Hospital Police, Wendell Police Department, Zebulon Police Department

21 Additional Agencies Contributing ~23M Records & ~350K Mug Shots; Covered 25% of NC Population
2010, 1088 LE Agencies Added When LInX to LInX Connection Completed Via NCIS Funding

<table>
<thead>
<tr>
<th>LInX Northeast</th>
<th>LInX NCR</th>
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</thead>
<tbody>
<tr>
<td>LInX Virginia</td>
<td>LInX Carolinas</td>
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<tr>
<td>LInX Southeast</td>
<td>LInX Gulf Coast</td>
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<tr>
<td>LInX Rio Grande</td>
<td>LInX Southern CA</td>
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<tr>
<td>LInX Northwest</td>
<td>LInX Hawaii</td>
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</tbody>
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2011 - (14) Additional North Carolina Agencies Added Via Currituck County FEMA Grant

- Camden County Sheriff's Office, Chowan County Sheriff's Office, Currituck County Sheriff's Office, Dare County Sheriff's Office, Edenton Police Department, Elizabeth City Police Department, Hertford Police Department, Kitty Hawk Police Department, Manteo Police Department, Martin County Sheriff's Office, Nags Head Police Department, Pasquotank Sheriff's Office, Plymouth Police Department, Washington Sheriff's Office

14 Additional Agencies Contributing ~3.5M Records & ~176K Mug Shots; Covered 28% of NC Population
2012 - (49) Additional North Carolina Agencies – Web Services Interface To CHARMEC CRISS Added Via NCDPS Funding

- Anson County Sheriff, Wadesboro Police Department, Cabarrus County Sheriff, Concord Police Department, Kannapolis Police Department, Catawba County Sheriff, Conover Police Department, Hickory Police Department, Maiden Police Department, Newton Police Department, Belmont Police Department, Cherryville Police Department, Cramerton Police Department, Gaston County Police Department, Gaston County Sheriff, Gastonia Police Department, Mount Holly Police Department, Stanley Police Department, Iredell County Sheriff, Mooresville Police Department, Statesville Police Department, Troutman Police Department, Lancaster County Sheriff, Lancaster Police Department, Lincoln County Sheriff, Lincolnton Police Department, Charlotte-Mecklenburg Police Department, Cornelius Police Department, Davidson Police Department, Huntersville Police Department, Matthews Police Department, Mecklenburg County Sheriff, Mint Hill Police Department, Pineville Police Department, UNCC Public Safety, Albemarle Police Department, Locust Police Department, Norwood Police Department, Oakboro Police Department, Stanly County Sheriff, Monroe Police Department, Stallings Police Department, Union County Sheriff, Waxhaw Police Department, Clover Police Department, Fort Mill Police Department, Rock Hill Police Department, York City Police Department, York County Sheriff

49 Additional Agencies Contributing 7.6 Million Records; Covered 42% of NC Population
2012 - South Carolina Law Enforcement Division (SLED) Added Via NCIS Funding

- Initial 241 agencies providing data
- More agencies adding data each month
- Currently sharing ~17M records (arrest, booking, incident, warrant and narratives
- Direct data feed to the LInX Carolinas data warehouse nightly

241 South Carolina Law Enforcement Agencies Contributing ~17M Records – Expected to Grow to 388 Agencies
2013, (7) Additional North Carolina Agencies Added Via NCDPS Funding

- Buncombe County Sheriff’s Office, Asheville Police Department, Woodfin Police Department, Forsyth County Sheriff’s Office, Greensboro Police Department, High Point Police Department, Rocky Mount Police Department
- Scheduled for completion by Oct 30, 2013

7 Additional North Carolina Law Enforcement Agencies Added; Will increase coverage to 65% of NC Population
LInX Cost To State of North Carolina To Date

- Initial 20 Charter Agencies (2007-NCIS) - $0
- Additional 21 Agencies (2008-2009-NCIS) - $0
- Additional 14 Agencies (2011-FEMA) - $30K Grant
- Additional 49 CHARMEC Agencies (2012-NCDPS) - $76K
- Additional 241 SLED Agencies (2012) - $0
- Additional 8 Agencies (2013-NCDPS) - $37K
- LInX 2 LInX ~1088 Additional Agencies (NCIS) - $0
- D-DEx all military LE Agencies (NCIS) - $0
- N-DEx all Federal LE Agencies + many non-LInX states (NCIS) - $0 (Pending NC CSO Approval)

Currently 1462 Agencies in LInX System contribute nearly 850 million records including nearly 46 million mug shots

LInX Cost To Date To NC - $113K
## LInX Regions Summary – Data / Users

<table>
<thead>
<tr>
<th>Region</th>
<th>Total Agencies in Region</th>
<th>Total Agencies providing Data</th>
<th>Total Trained Active Users*</th>
<th>Region Total w/o Narr &amp; Mugs</th>
<th>Narratives</th>
<th>Mugshots</th>
<th>Region Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southern California (CA)</td>
<td>59</td>
<td>25</td>
<td>3,105</td>
<td>50,197,910</td>
<td>32,395,413</td>
<td>5,740,141</td>
<td>88,333,464</td>
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<tr>
<td>DDEX</td>
<td>206</td>
<td>203</td>
<td>876</td>
<td>1,529,072</td>
<td>6,255,038</td>
<td>12,781</td>
<td>7,796,891</td>
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<tr>
<td>Gulf Coast (GC)</td>
<td>42</td>
<td>34</td>
<td>890</td>
<td>38,867,165</td>
<td>17,357,069</td>
<td>918,100</td>
<td>57,142,334</td>
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<tr>
<td>Hawaii (HI)</td>
<td>10</td>
<td>6</td>
<td>216</td>
<td>12,849,845</td>
<td>4,812,878</td>
<td>251,460</td>
<td>17,914,183</td>
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<tr>
<td>Virginia (HR)</td>
<td>206</td>
<td>203</td>
<td>7,171</td>
<td>59,143,246</td>
<td>37,364,243</td>
<td>8,363,542</td>
<td>104,871,031</td>
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<tr>
<td>North-South Carolina (NC)</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>
<td>77,494,166</td>
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<tr>
<td>National Capital Region (NCR)</td>
<td>135</td>
<td>123</td>
<td>9,498</td>
<td>113,746,521</td>
<td>77,664,805</td>
<td>11,369,565</td>
<td>202,780,891</td>
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<tr>
<td>Northeast (NE)</td>
<td>25</td>
<td>23</td>
<td>445</td>
<td>12,941,313</td>
<td>15,310,819</td>
<td>441,138</td>
<td>28,693,270</td>
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<tr>
<td>Northwest (NW)</td>
<td>292</td>
<td>225</td>
<td>7,633</td>
<td>41,283,490</td>
<td>20,412,839</td>
<td>9,360,219</td>
<td>71,056,548</td>
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<tr>
<td>Rio Grande (RG)</td>
<td>37</td>
<td>32</td>
<td>1,561</td>
<td>18,330,595</td>
<td>13,035,263</td>
<td>987,060</td>
<td>32,352,918</td>
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<tr>
<td>Southeast (SE)</td>
<td>76</td>
<td>65</td>
<td>4,779</td>
<td>76,553,989</td>
<td>82,643,009</td>
<td>6,205,703</td>
<td>165,402,701</td>
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<td><strong>Total in LInX</strong></td>
<td><strong>1,413</strong></td>
<td><strong>1,237</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>
<td><strong>853,838,397</strong></td>
</tr>
</tbody>
</table>
Regional LINX Systems

- Northwest
- SoCal
- Rio Grande
- Gulf Coast
- Southeast
- Hawaii
- NCR
- Northeast
- Virginia
- Carolinas
LE Data available to NCIS Users
QUESTIONS ?