Law Enforcement Information Exchange (LInX)

Mark Harris
LInX Program

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What Is LInX?

- A solution for regional sharing of law enforcement data among participating local, state, and federal law enforcement agencies to solve, anticipate, and 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
  - Fills knowledge gaps about people, places, vehicles, etc
Types of Data In LInX

- Records Management System (RMS) Data
- Incident Structured Data
  - Incident Narratives/Supplemental Reports
- Investigative Reports
- Field Interviews / Suspicious Incidents
- Arrests/Bookings
- Mug Shots / Photographs Facial & Tatoos
- CAD Data/Traffic Stops
- Pawn Shop Records/Pawn Tickets
- Traffic Crash/Accident Reports
- Traffic Summons Data
- Offender Registries
- Warrants

*Information Sharing to Help Solve Crimes Faster*
What’s In LInX? - LInX Record Types

LInX Governance Boards encourage agencies to share all legally shareable RMS data.

- Over 400 Million Event Records
- ~40 Million Mugshots
How is LInX Used?

**Tactical / Beat Officer**
- Name/Vehicle/Address Queries
  - Increases situational awareness
  - Immediate access to a person's criminal history/law enforcement contacts/mugshots

**Investigators**
- Query structured and unstructured data
  - Identify previously unknown relationships/associates
  - Alias/SMT search capabilities
  - Fills in knowledge gaps between people, addresses, vehicles, phone numbers, etc..
  - Subject/Entity subscription service

**Crime Analysts**
- Analytics
  - Cross-jurisdictional crime mapping to reveal additional hotspots
  - Predictive & trending analysis
NCIS launched the Law Enforcement Information Exchange (LInX®) initiative in 2003 in the Seattle metropolitan region.

- Designed to enhance information sharing among S&L and federal law enforcement surrounding Navy bases of strategic importance.
- Sites are currently operated in eleven regions throughout the U.S.
- 900+ active LInX® customer agencies with over 40,000 trained law enforcement users.
- Provides largest volume of data to FBI N-DEX.

<table>
<thead>
<tr>
<th>Region</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northwest</td>
<td>304 agencies ; Washington, Oregon and Alaska</td>
</tr>
<tr>
<td>Hampton Roads</td>
<td>236 agencies in the southern and western Virginia</td>
</tr>
<tr>
<td>Southeast</td>
<td>57 agencies in northern Florida and Georgia</td>
</tr>
<tr>
<td>National Capital Region</td>
<td>126 agencies in northern Virginia and Maryland</td>
</tr>
<tr>
<td>North Carolina</td>
<td>61 agencies in North Carolina + SC (256 Agencies)</td>
</tr>
<tr>
<td>S. California</td>
<td>32 agencies</td>
</tr>
<tr>
<td>New England</td>
<td>23 agencies, multi-state, Connecticut leading</td>
</tr>
<tr>
<td>DoD D-DEX</td>
<td>4 agencies, NCIS is executive agent for DoD</td>
</tr>
<tr>
<td>Gulf Coast</td>
<td>21 agencies in southeastern coastal Texas</td>
</tr>
<tr>
<td>Hawaii</td>
<td>12 agencies</td>
</tr>
<tr>
<td>Rio Grande</td>
<td>33 agencies</td>
</tr>
</tbody>
</table>
LInX Partner System Integration

- LInX is built to national information sharing standards (NIEM)
  - Capable of ingesting and exporting data using the N-DEx IEPD.
  - LEXS S/R web services used for interconnectivity of LInX Regions
  - Compatible with other Regional and National information sharing programs (OneDOJ, N-DEx, DHS ICEPIK.

LInX is built using the NIEM standard for interconnectivity with other regional and federal systems.
61 agencies are currently part of the NC-LInX system.

Web Services connection to the IBM CopLink node is active for Federated searches.

Proposal will add 366 agencies additional agencies in the state over a 3 year period:
- Phase 1 (12 months) – Disaster Preparedness Regions 5, 6, 7
- Phase 2 (12 months) – Disaster Preparedness Regions 2, 3, 4
- Phase 3 (12 months) – Disaster Preparedness Regions 1, 8, 9

Provide new member agencies with access to the entire LInX system (10 other sites plus D-DEX)

Although the current proposal is to complete the build out over a 36 month period, the schedule could be reduced to 24 months if desired.
Concentration on the larger population centers with the higher number of public safety personnel first

<table>
<thead>
<tr>
<th>Agencies By Phase</th>
<th>Phase 1 Total</th>
<th>Phase 2 Total</th>
<th>Phase 3 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>129</td>
<td>138</td>
<td>99</td>
</tr>
<tr>
<td>DPR 5</td>
<td>46</td>
<td>36</td>
<td>17</td>
</tr>
<tr>
<td>DPR 6</td>
<td>70</td>
<td>54</td>
<td>47</td>
</tr>
<tr>
<td>DPR 7</td>
<td>13</td>
<td>48</td>
<td>35</td>
</tr>
<tr>
<td>DPR 8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPR 9</td>
<td></td>
<td></td>
<td></td>
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</table>
## RMS Breakout

<table>
<thead>
<tr>
<th>RMS Breakout</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H T E</td>
<td>4</td>
<td>1.09%</td>
</tr>
<tr>
<td>OSSI</td>
<td>52</td>
<td>14.21%</td>
</tr>
<tr>
<td>Shield</td>
<td>1</td>
<td>0.27%</td>
</tr>
<tr>
<td>Southern</td>
<td>271</td>
<td>74.04%</td>
</tr>
<tr>
<td>Spillman</td>
<td>8</td>
<td>2.19%</td>
</tr>
<tr>
<td>Visionair</td>
<td>30</td>
<td>8.20%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>366</td>
<td></td>
</tr>
</tbody>
</table>

*Majority of North Carolina agencies use Southern Software, OSSI or Vision Air*
North Carolina Proposal

- NC build out includes county, city, college, hospital police agency data

- Northrop Grumman has worked with all RMS vendors used throughout the state
  - Experience with over 60 RMS vendors

- Approach is similar to the one used in Virginia
  - After 4 years, over 99.97% of the Commonwealth is a part of LInX (available yearly funding was the prominent driver of the build out schedule)
  - Virginia build out was on budget, on time and met all milestones

- Northrop Grumman’s approach has been tested in other regions and is successful

The Northrop Grumman LInX Team has a proven track record with a quality focus
Northrop Grumman & LInX

- Proven track record for meeting contract requirements on time and within budget
- Trusted partner of NCIS for 8 years
- Extensive experience with data conversion and strong relationships with RMS vendors
- Thorough test and validation procedures
- Program management staff has law enforcement experience and understands the needs of users
Back Up
THE VALUE OF PERFORMANCE.

NORTHROP GRUMMAN