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Law Enforcement Information Exchange (LInX)

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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

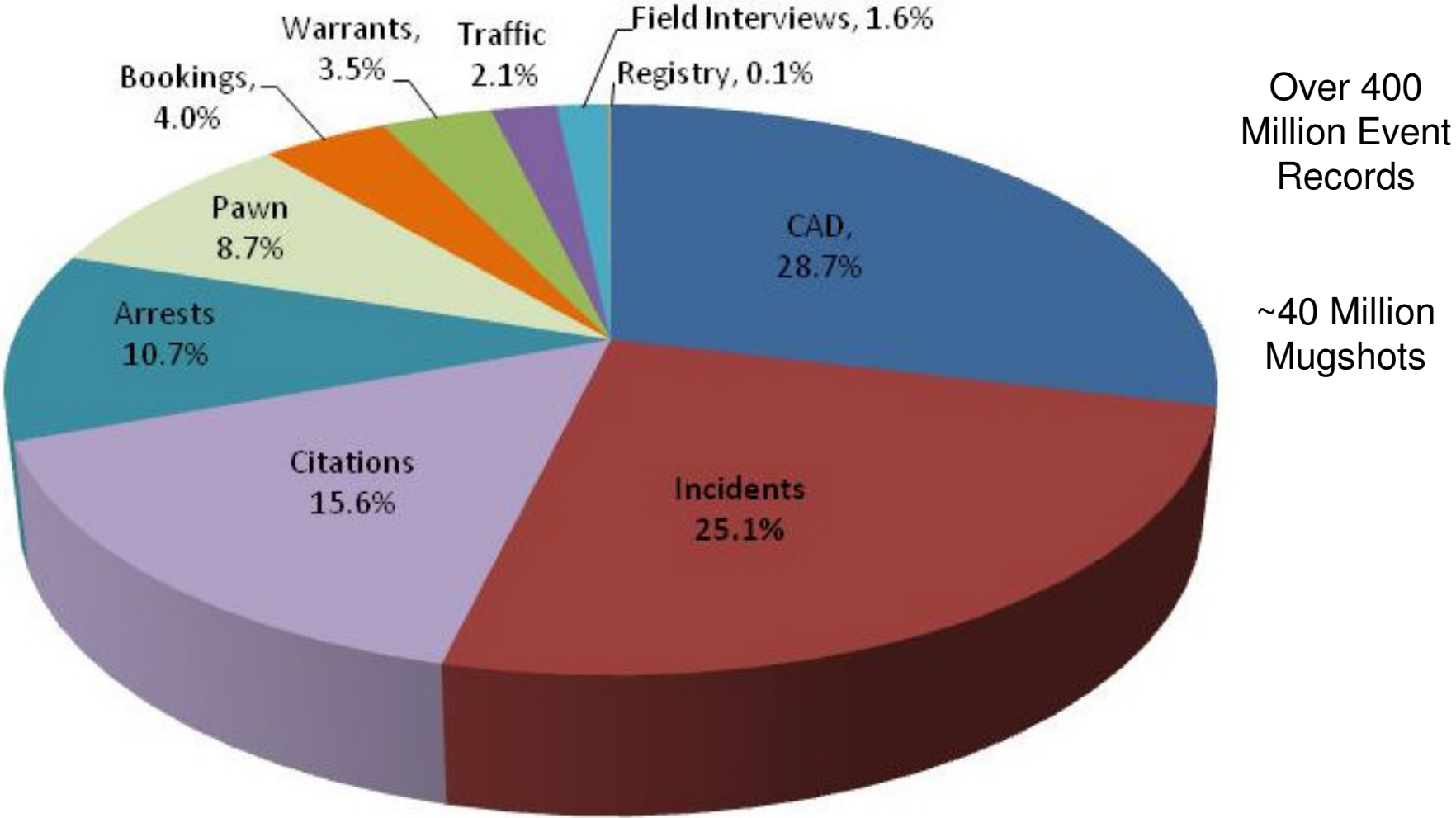 - Fills knowledge gaps about people, places, vehicles, etc

Information Sharing to Help Solve Crimes Faster

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

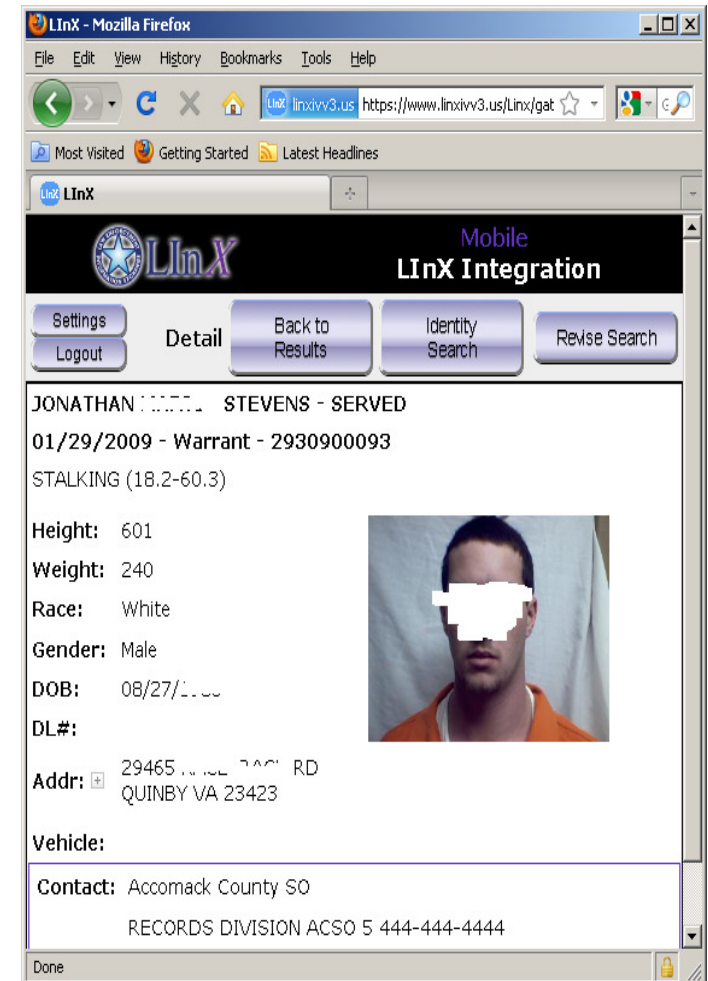*Information Sharing to Help Solve Crimes Faster*

What's In LInX? - LInX Record Types

Over 400 Million Event Records

~40 Million Mugshots

Field Interviews, 1.6%

Registry, 0.1%

Traffic 2.1%

Warrants, 3.5%

Bookings, 4.0%

Pawn 8.7%

Arrests 10.7%

Citations 15.6%

CAD, 28.7%

Incidents 25.1%

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

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How is LInX Used?

- ## Tactical / Beat Officer
  - o Name/Vehicle/Address Queries
    - - Increases situational awareness
    - - Immediate access to a persons criminal history/law enforcement contacts/mugshots

- ## Investigators
  - o 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
  - o Analytics
    - - Cross-jurisdictional crime mapping to reveal additional hotspots
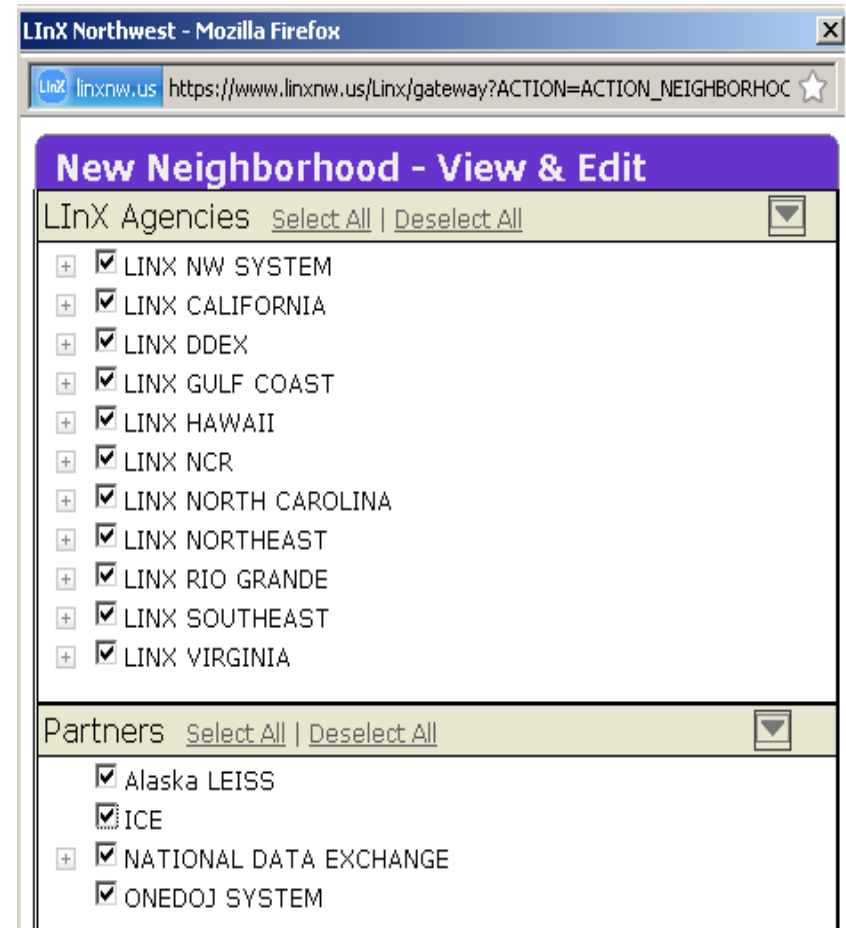   - - Predictive & trending analysis

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Public Safety Solutions for State & Local Gov't –
Information Sharing Platform - LInX®

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- 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

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

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.

North Carolina LInX Proposal

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- 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

North Carolina LInX Proposal

Agencies By Phase	
Phase 1 Total	**129**
DPR 5	46
DPR 6	70
DPR 7	13
Phase 2 Total	**138**
DPR 2	36
DPR 3	54
DPR 4	48
Phase 3 Total	**99**
DPR 1	17
DPR 8	47
DPR 9	35

Concentration on the larger population centers with the higher number of public safety personnel first

North Carolina LInX Proposal

RMS Breakout		
H T E	4	1.09%
OSSI	52	14.21%
Shield	1	0.27%
Southern	271	74.04%
Spillman	8	2.19%
Visionair	30	8.20%
Total	366	

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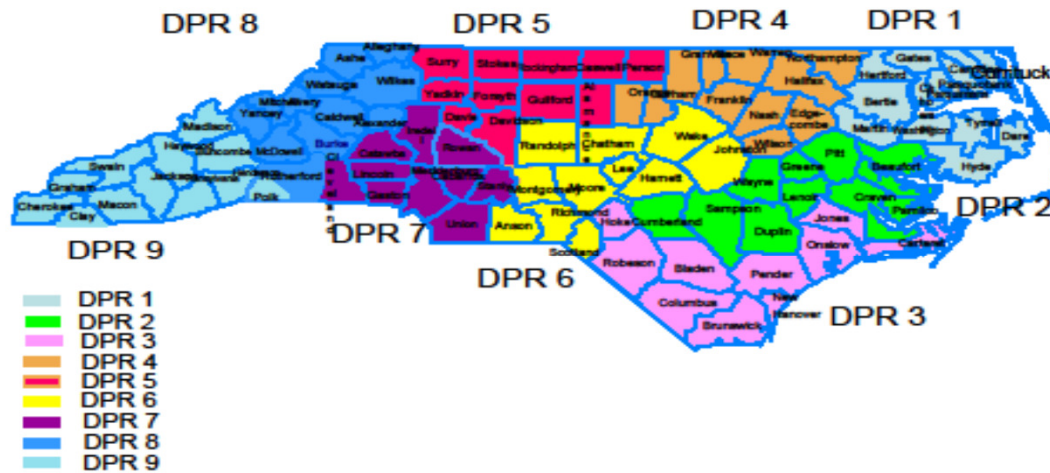
The Northrop Grumman LInX Team has a proven track record with a quality focus

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

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Back Up

North Carolina DPR Map

Domestic Preparedness Regions (DPR) Map

DPR	Executive Director	Telephone	Email
1	Mark Brown (Interim)	252-521-0154	mbrown@ncem.org
2	Dianne Curtis (Interim)	252 361-5427	dcurtis@ncem.org
3	Paula Brown	910-604-1331	pbrown@ncem.org
4	Ricky Tuttle	336-462-2033	rtuttle@ncem.org
5	Joe Wright (Interim)	336-380-5852	jwright@ncem.org
6	Alan Bryd (Interim)	919-427-7248	abyrd@ncem.org
7	Jeff Cardwell	828-754-1263	jcardwell@ncem.org
8	Mike Cook	828-244-1357	mcook@ncem.org
9	Jimmie Ramsey	828-649-0328	jramsey@ncem.org

DPR	Planner	Telephone	Email
1	Lonnie Hill	252-217-6726	lhill@ncem.org
2	Hill & Tovey		
3	Rachael Tovey	910-703-0078	rtovey@ncem.org
4	Debbie Hatfield	336-345-4594	dhatfield@ncem.org
5	Tyres Tatum	919-368-7235	ttatum@ncem.org
6	Tyres Tatum	919-368-7235	ttatum@ncem.org
7	Darla Hall	828-877-5187	dhall@ncem.org
8	Darla Hall	828-877-5187	dhall@ncem.org
9	Darla Hall	828-877-5187	dhall@ncem.org

DPR	Branch Manager	Telephone	E-mail
1,2,3	Mark Brown	252-521-0154	mbrown@ncem.org
4,5,6	Joe Wright	336-380-5852	jwright@ncem.org
7,8,9	Mike Cook	828-244-1357	mcook@ncem.org

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