The Law Enforcement Information Exchange (LInX)

Unclassified

Why Share Information?

"Colonial Parkway Serial Killer"

SNIPERS

"Area Sees Increase in Gang Activity"

NBC NEWS

"Serial Rapist Attacks Again!"

What LInX Is

The Law Enforcement Information Exchange (LInX) is an advanced information sharing system conceived, funded and built by the United States Naval Criminal Investigative Service, but

the system is **_not owned or controlled_** **by NCIS**

What LInX Does

- **LInX electronically "connects" with member agencies' existing records management systems and/or investigative databases – then…**

- ***Automatically* encrypts, transports, normalizes, indexes, then consolidates agencies' data on a *nightly* basis into a data warehouse – then…**

- **allows users to search all agencies' contributed data with several search & analysis tools —**

What LInX Is

- It's an *operational project* that beings a new capability to law enforcement agencies without having to acquire more people or resources

- LInX is not a technology project but leverages available technology to provide an operational impact and to *prevent and solve crime*

What LInX Does

- **Provides all users with *secure & daily access* to many agencies' law enforcement data :**
  - **Makes that *data* available in seconds**
  - ***Saves* an extraordinary amount of *time***
  - **Generates investigative *leads***
  - **Identifies previously unknown *relationships* & *associates***
  - ***Increases officer safety* & situational awareness**
  - ***All of us can know what each of us knows***

What LInX Is

- **LInX is not an "off the shelf" product; it was built from scratch** *by law enforcement for law enforcement*

- **LInX is populated with law enforcement data only and is** *NOT* **an intelligence system**

- ***LInX has helped to solve many, many crimes***

What LInX Is

- **LInX is NOT an original system of records but a *replication* of many original systems of records**

- **Each law enforcement agency always owns and is responsible for its data at all times**

- **Your agency never give up the rights to your data**

- **LInX is populated with law enforcement data only and is NOT an intelligence system**

What LInX Is

- **LInX is governed by a regional *Board of Governance* which is comprised of each member agency's CEO**

- **The LInX *Board makes the rules*, policies and is responsible for the administration, operation and technical aspects of the system**

- **NCIS has funding programmed through 2015**

Why was LInX Developed?

- **The bombing of the USS Cole and the events of September 11, 2001**

- **NCIS mission priorities changed**

- **Protect Critical US Navy equities**

- **Information sharing was critical to achieving mission**

- **LInX is a tool that helps NCIS accomplish its mission but greatly benefits other agencies**

LInX
LAW ENFORCEMENT INFORMATION EXCHANGE

Types of Data in LInX

Structured Data   *RMS/Investigative*   **Unstructured Data**

- **Incidents**
- **Field interviews**
- **Arrests**
- **Outstanding warrants (inc. local)**
- **Mugshots (statewide)**
- **Jail booking records**
- **Traffic crash reports**
- **Traffic citations data**
- **Traffic stop data**
- **Parking ticket data**
- **Sex Offender Registry**
- **VA Adult Criminal History**
- **Pawn shop data**

- **Incident narratives**
- **Investigative narratives**
- **Supplemental reports**

NC LInX Contains
As of September 2010

More than 43 million records available to be searched…

- 10,011,972 narratives

- 32,093,306 incidents (inclusive)

- 1,351,366 mug shots

- 3,305,485 traffic citations

- 1,427,465 warrants

- 3,963,334 CAD incidents

- 529,039 booking records

- 246,657 field interviews

- 761,108 traffic stops

LInX
LAW ENFORCEMENT INFORMATION EXCHANGE

9 Regional LInX Systems operating
1 New Region (Orange CO area of CA) just completed
"OneDOD" LInX solution in progress
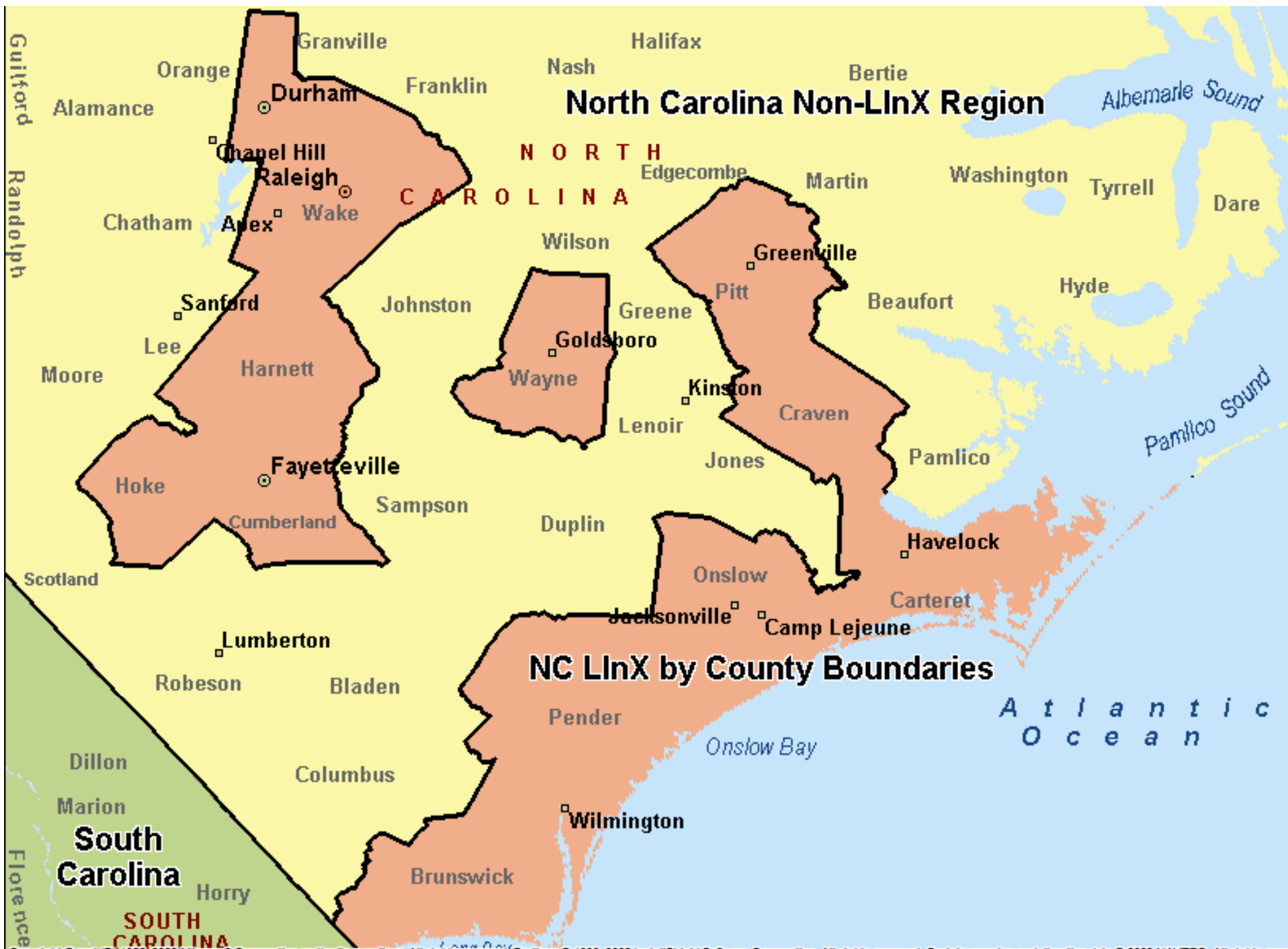**Continued integration with N-DEx & OneDOJ**

NC LInX Municipal Partners

- Fayetteville Police Department
- Goldsboro Police Department
- Havelock Police Department
- Jacksonville Police Department
- Morehead City Police Department
- New Bern Police Department
- Richlands Police Department
- Wilmington Police Department
- Mount Olive Police Department
- Fremont Police Department
- Pikeville Police Department
- Walnut Creek Police Department

- Wayne Memorial Hospital Police Department
- Cherry Hospital Police Department
- Burgaw Police Department
- Swansboro Police Department
- Greenville Police Department
- Raleigh Police Department
- Durham Police Department
- Holly Springs Police Department
- Wendell Police Department
- Zebulon Police Department
- Knightdale Police Department

NC LInX County, State and Federal Partners

- Brunswick County Sheriff's Office
- Carteret County Sheriff's Office
- Craven County Sheriff's Office
- Cumberland County Sheriff's Office
- Harnett County Sheriff's Office
- Hoke County Sheriff's Office
- New Hanover Sheriff's Office
- Onslow County Sheriff's Office
- Wayne County Sheriff's Office

- Durham County Sheriff's Office
- Wake County Sheriff's Office
- Pitt County Sheriff's Office
- Pender County Sheriff's Office North Carolina SBI
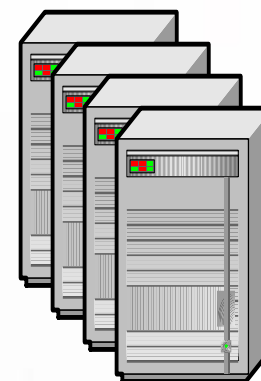- North Carolina State Highway Patrol
- Naval Criminal Investigative Service

North Carolina Non-LInX Region

NC LInX by County Boundaries

Counties and cities labeled on map:

Guilford, Randolph, Orange, Alamance, Granville, Durham, Chapel Hill, Raleigh, Apex, Wake, Chatham, Franklin, Nash, Halifax, Bertie, Albemarle Sound, Washington, Tyrrell, Dare, Sanford, Lee, Moore, Harnett, Johnston, Wilson, Edgecombe, Martin, Greenville, Pitt, Beaufort, Hyde, Greene, Goldsboro, Wayne, Kinston, Lenoir, Craven, Pamlico, Fayetteville, Jones, Sampson, Duplin, Pamlico Sound, Hoke, Cumberland, Scotland, Havelock, Onslow, Carteret, Jacksonville, Camp Lejeune, Lumberton, Robeson, Bladen, Pender, Onslow Bay, Atlantic Ocean, Dillon, Marion, Columbus, Wilmington, South Carolina, Horry, Brunswick, Florence

NORTH CAROLINA

SOUTH CAROLINA

Atlantic Ocean

Users

Data is accessed by the users from a web browser using SSL either through the Covanet or Internet

Login & password required
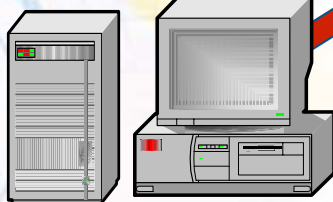
256 bit encryption SSL VPN connection

Firewall

Front Porch

Firewall

1024 bit encryption; server to server authentication

Agency RMS or Investigative System

Data is *pushed* to the Front Porch then into LInX

SBIHQ

Raleigh, NC

LInX Data Warehouse

5 Dell Power Edge 6950 + 3 Dell Power Edge 2950 Servers with 2 Hard Drive Arrays, Tape Backups & Applications

Rules of Use

- **All Users must be authorized by agency head, over 18, pass a background check before use**

- **Users must read, understand and acknowledge the rules by signature before use**

- **Users must fully comply with local, North Carolina and Federal laws on access and use of law enforcement sensitive/restricted data**

- **LInX is for *official law enforcement use only***

Rules of Use

- **No "official law enforcement action" can be taken on what you see or read in LInX**

   WHY?

   1) **You don't "own" someone else's documents**
      (You can't use them w/o their permission)

   2) **You must confirm validity & obtain originals from submitting agency**

   3) **Agencies don't submit "all" documents**

   4) **Additional investigation may have been done that can provide more information for you**

   5) **If another agency has something you could use, you may have something they could use**

   6) **Expunged records**
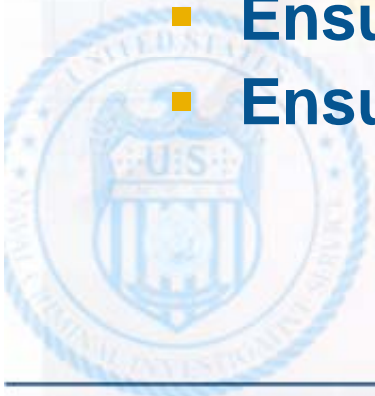
Rules of Use

- **Can be used for background checks of law enforcement agencies only**

- **A law enforcement officer from a non-participating agency cannot use LInX but you may run a query for them for a legitimate LE reason**

Security Policy

- **Establishes roles & responsibilities for security overall & for each member agency**

- **Addresses:**
  - **Physical security of any computer with LInX access**
  - **Technical standards & security of an agency's network connections, firewalls, etc.**
  - **Standards for passwords**
  - **Ensures only properly screened personnel have access**
  - **Encryption standards for data**
  - **Dissemination of data**
  - **Requirement for audits and audit trails**
  - **Reporting and notification for security violations**

Audit Policy

- **Audits are required for:**
  - **Security**
  - **Compliance with all laws**
  - **Proper system functionality**
  - **Ensure all policies are appropriate, up to date and being followed**
  - **Ensure all users & user accounts are authorized**
  - **To discover any possible misconduct**

Data Retention Policy

- **All data contained within the system will be submitted, retained and purged according to all applicable laws, policies, rules and regulations that may govern the agency which submitted the information.**

Questions or additional information:

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