



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:

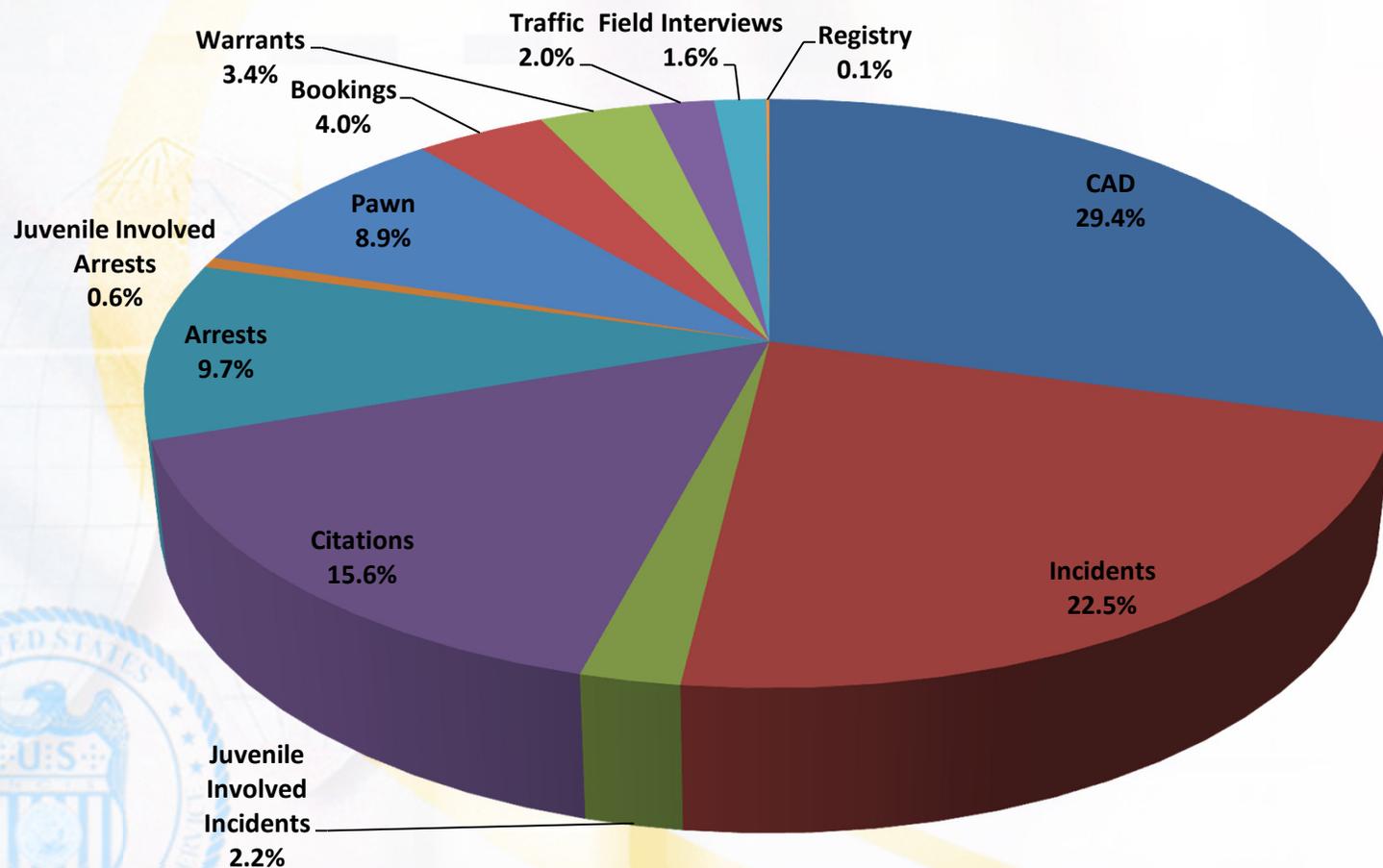
- Operational in Ten Regions (and)
- Department of Defense Information Exchange (D-DEx)



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**

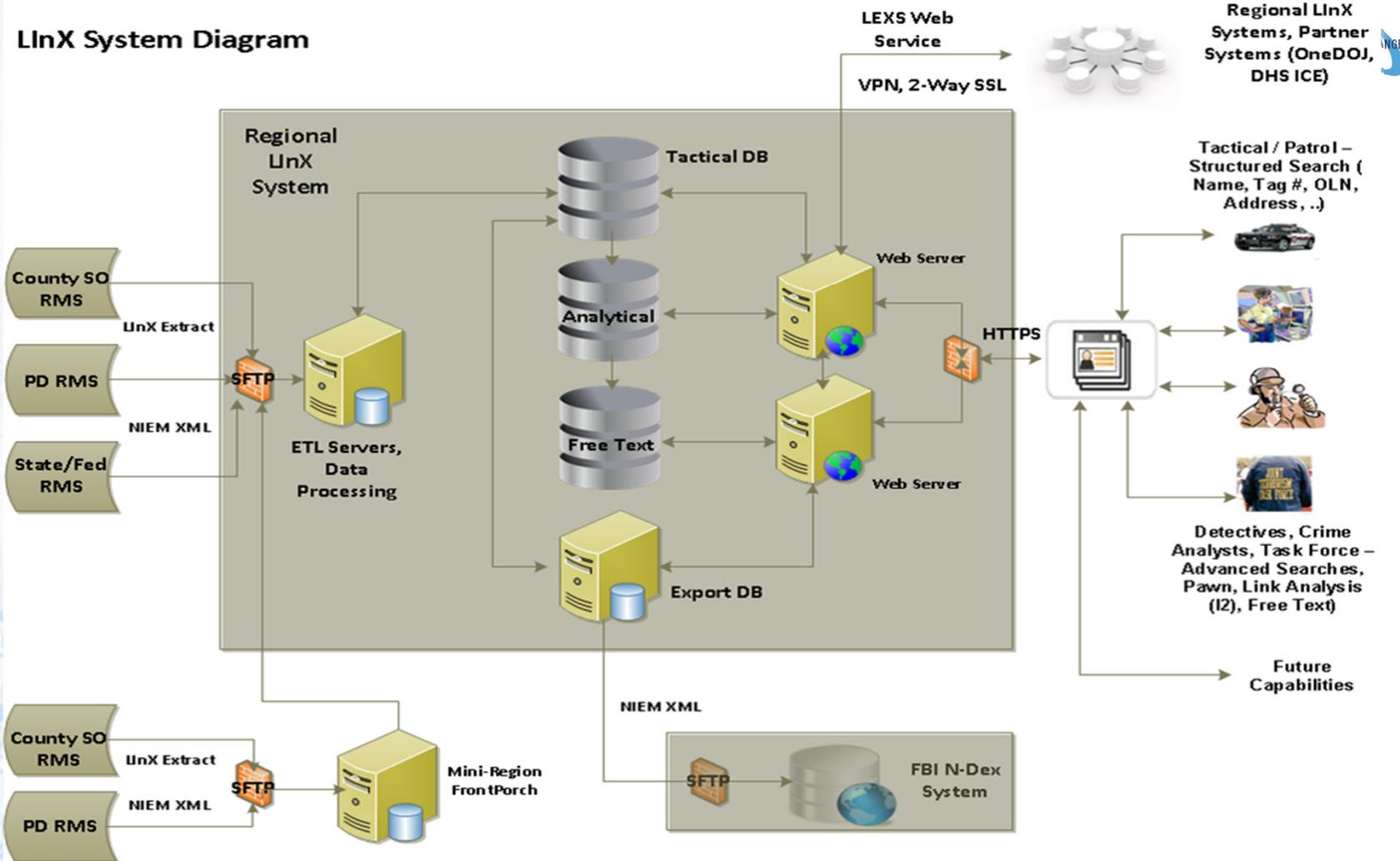
LinX Record Type Percentages



**Over 850
Million
Event
Records**

**Over
45 Million
Mugshots**

LinX System Diagram



➤ **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

LInX Northeast

LInX Virginia

LInX Southeast

LInX Rio Grande

LInX Northwest

LInX NCR

LInX Carolinas

LInX Gulf Coast

LInX Southern CA

LInX Hawaii





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**

LIInX Cost To State of North Carolina To Date



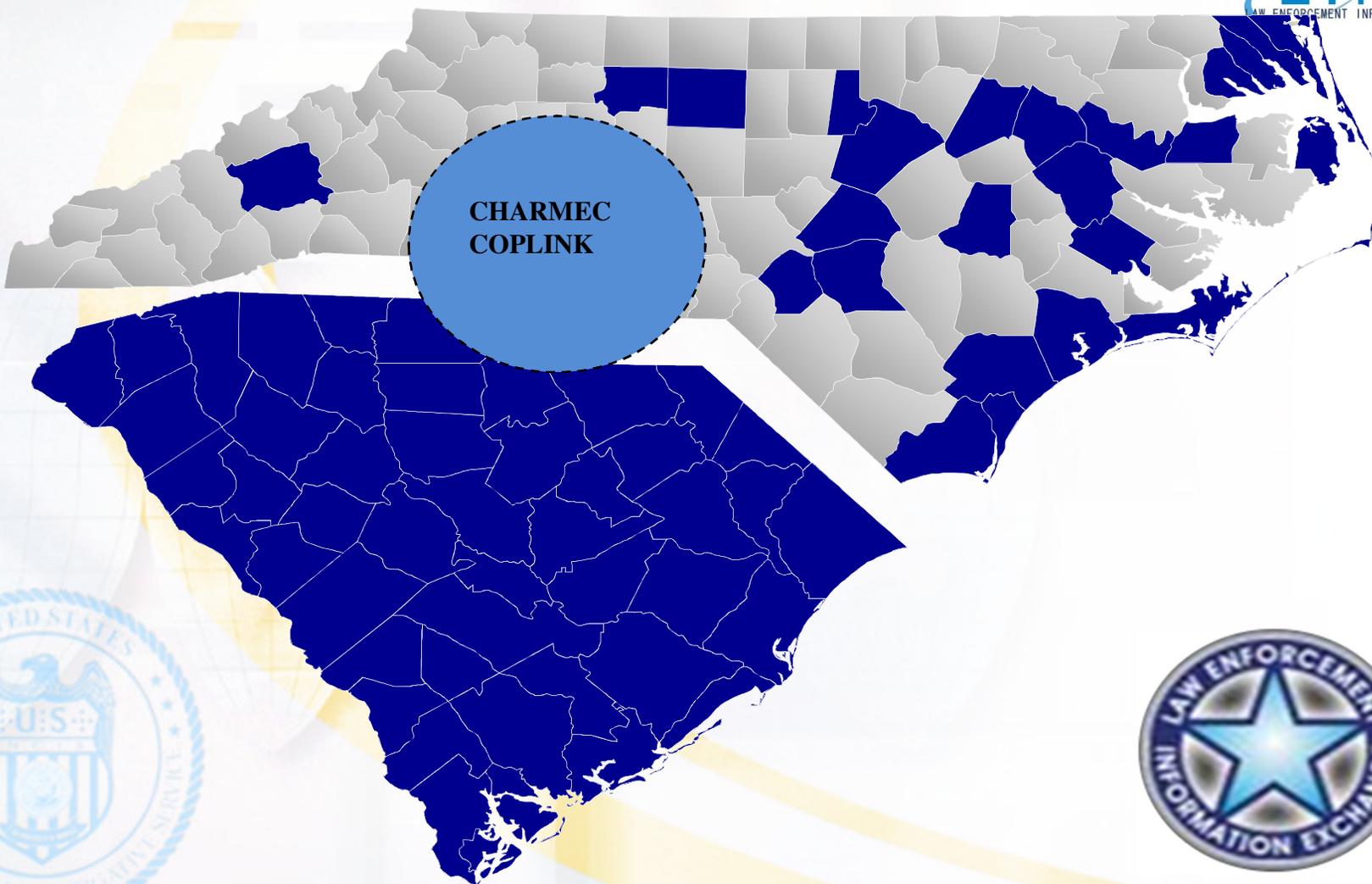
- Initial 20 Charter Agencies (2007-NCIS) - \$0
- Additional 21 Agencies (2008-2009-NCIS) - \$0
- Additional 14 Agencies (2011-FEMA) - \$30K Grant
- Additional 49 CHARMEC Agencies (2012-NCDPS) - \$76K
- Additional 241 SLED Agencies (2012) - \$0
- Additional 8 Agencies (2013-NCDPS) - \$37K
- LIInX 2 LIInX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

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

LIInX Cost To Date To NC - \$113K



LInX Carolinas Map





LInX Regions Summary – Data / Users



Region	Total Agencies in Region	Total Agencies providing Data	Total Trained Active Users*	Region Total w/o Narr & Mugs	Narratives	Mugshots	Region Total
Southern California (CA)	59	25	3,105	50,197,910	32,395,413	5,740,141	88,333,464
DDEX	206	203	876	1,529,072	6,255,038	12,781	7,796,891
Gulf Coast (GC)	42	34	890	38,867,165	17,357,069	918,100	57,142,334
Hawaii (HI)	10	6	216	12,849,845	4,812,878	251,460	17,914,183
Virginia (HR)	206	203	7,171	59,143,246	37,364,243	8,363,542	104,871,031
North-South Carolina (NC)	325	298	2,208	40,627,638	34,658,977	2,207,551	77,494,166
National Capital Region (NCR)	135	123	9,498	113,746,521	77,664,805	11,369,565	202,780,891
Northeast (NE)	25	23	445	12,941,313	15,310,819	441,138	28,693,270
Northwest (NW)	292	225	7,633	41,283,490	20,412,839	9,360,219	71,056,548
Rio Grande (RG)	37	32	1,561	18,330,595	13,035,263	987,060	32,352,918
Southeast (SE)	76	65	4,779	76,553,989	82,643,009	6,205,703	165,402,701
Total in LInX	1,413	1,237	38,382	466,070,784	341,910,353	45,857,260	853,838,397

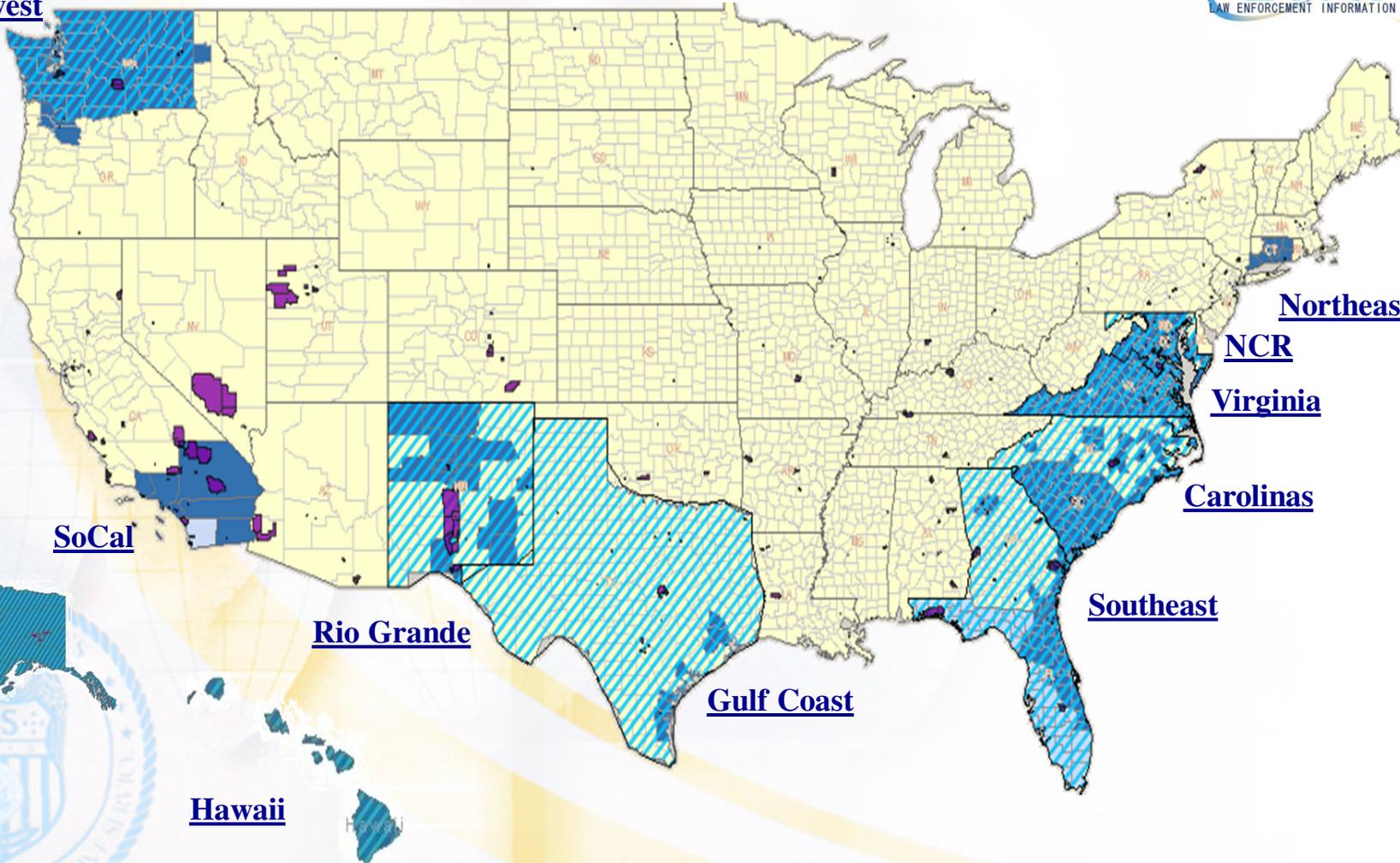
*Trained Active Users = Non disabled, non deleted user accounts that have logged into LInX at least once.



Regional LInX Systems



Northwest



Northeast

NCR

Virginia

Carolinas

Southeast

Gulf Coast

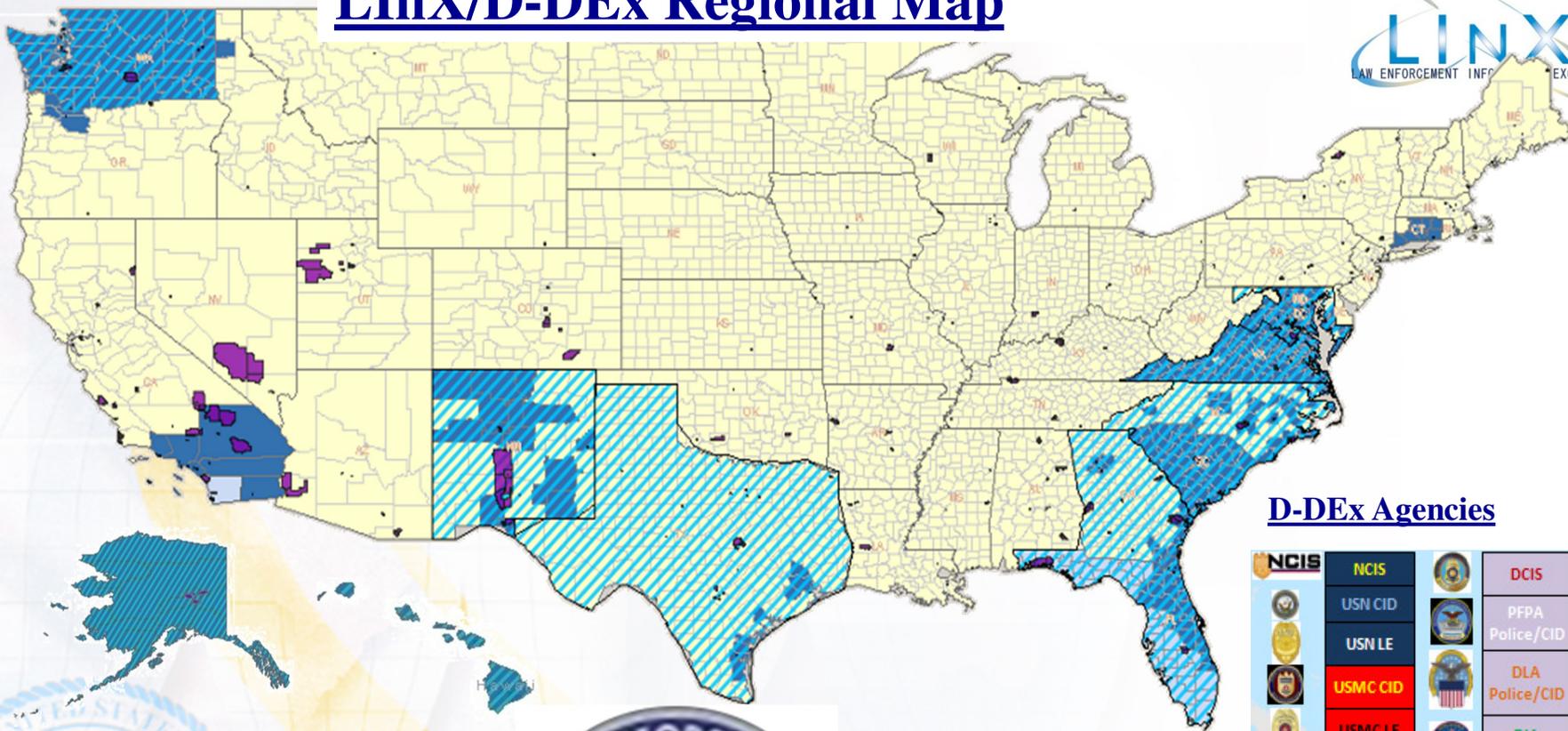
Rio Grande

SoCal

Hawaii



LInX/D-DEx Regional Map



D-DEx Agencies

	NCIS		DCIS
	USN CID		PFPA
	USN LE		Police/CID
	USMC CID		DLA
	USMC LE		Police/CID
	AFOSI		DIA
	AF Sec. Forces		Police/CID
	USACID		NSA
	USA LE MPs		Police/CID
			NGA
			Police
			NRO

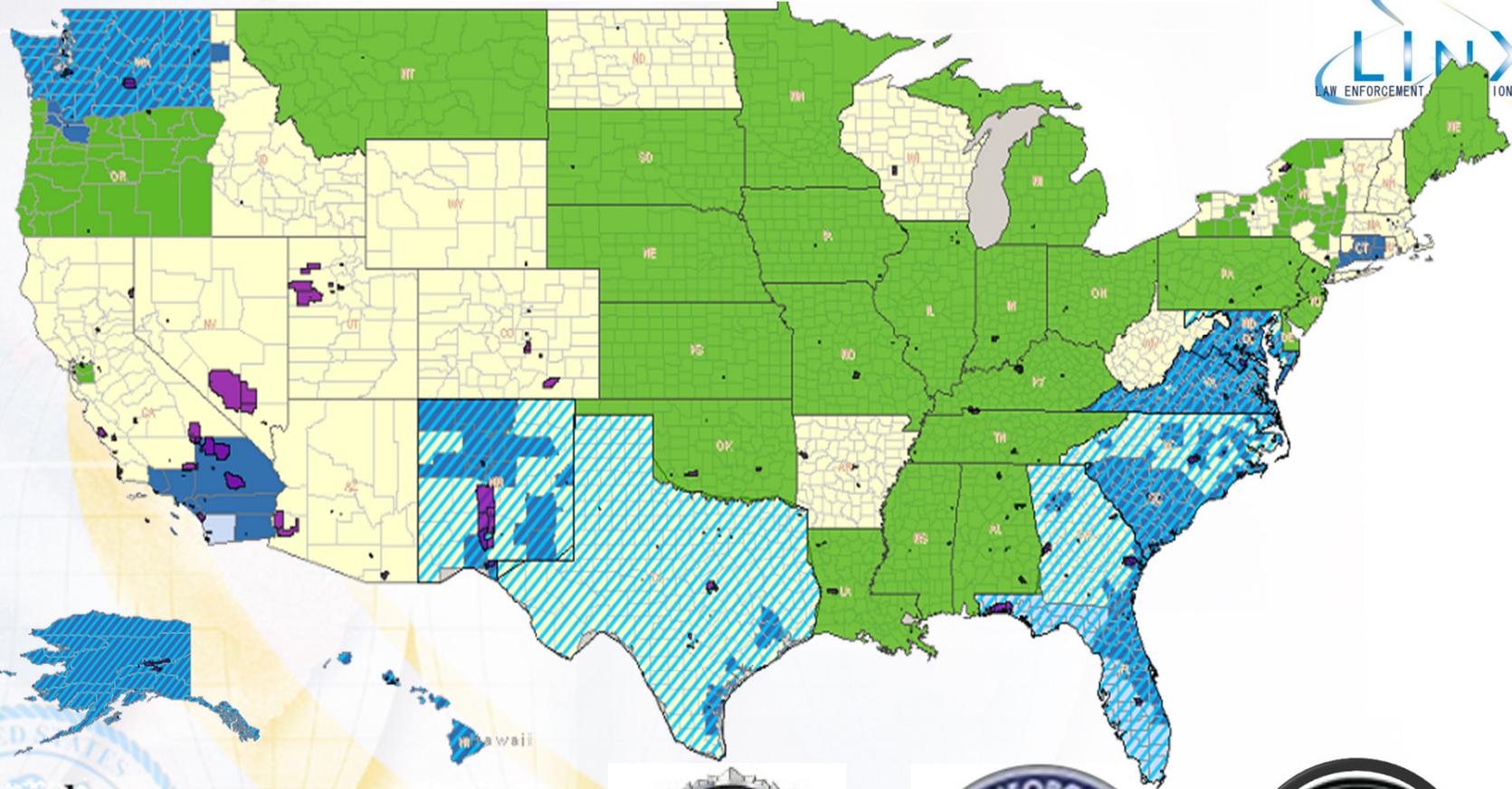
Legend

- Local-Level Agency Coverage
- State-Level Agency Coverage
- Military Base Area
- Planned Expansion





LInX/D-DEx/N-DEx Composite



Legend

- Local-Level Agency Coverage
- State-Level Agency Coverage
- Military Base Area
- Planned Expansion
- N-DEx Coverage





QUESTIONS ?

