



The NDCAC

- A national center established under the Department of Justice to leverage and share the collective technical knowledge and resources of the law enforcement community on issues involving real-time and stored communications and to strengthen law enforcement's relationship with industry
- Opened in March 2013
- One-of-a-kind assistance center designed to focus on law enforcement's challenges with communication services, training, and coordination needs
- Staffed by a diverse group of technical experts



The Focus of the NDCAC

- Technical challenges faced by law enforcement
 - Lawfully-authorized electronic surveillance capabilities
 - Evidence collection on communications devices
 - Technical location capabilities



Why the NDCAC is Necessary

- Provide a centralized point of coordinated technical assistance throughout the law enforcement community
- Leverage existing research and development efforts of the law enforcement community
- Provide a seamless mechanism to make solutions available across the law enforcement community
- Address the impacts of a communications industry that is more diverse and complex than ever before



NDCAC Programs





Technical Resource Group

- Provide assistance and technical referrals to law enforcement clients
- Make information more easily available
 - Products and services
 - Lawful intercept contacts and solutions
- Assist clients with technical and procedural questions regarding communication services
 - Assist clients with interpreting communication detail records (CDRs)
 - Provide information about technical solutions/best practices available to the law enforcement community



Technology Sharing

- Share tools and technical solutions with the law enforcement community
- Work with members of law enforcement to identify, leverage, and develop innovative and effective technical solutions
- Develop requirements that identify and clarify the technical capabilities and features that law enforcement views as important to accomplishing its mission



Training

- Provide a comprehensive curriculum to educate law enforcement on new and emerging services and technologies:
 - Leverage existing training opportunities and making them available to State and Local Law Enforcement
 - Develop in-house training curriculum to fill gaps that exist in existing communication training programs
 - Conduct regional outreach to familiarize the law enforcement community with the assistance available through the NDCAC



Industry Relations

- Cultivate and leverage relationships with various segments of the communications industry
 - Facilitate law enforcement's understanding of industry processes and available capabilities
 - Serve as focal point for law enforcement, provide guidance to common questions and concerns and training as needed
 - Develop tools that aid law enforcement interpretation and analysis of collected returns
- Identify and understand new service capabilities and emerging technologies
 - Gain insight into provider plans to assist law enforcement
 - Help provider understand law enforcement needs



Partnering on CALEA Implementation

- CALEA requires telecommunications carriers and manufacturers of equipment to modify and design their equipment, facilities, and services to ensure certain electronic surveillance capabilities exist
- The FBI's CALEA implementation staff is co-located with the NDCAC
- Embedding CALEA implementation staff enables tangible, real-time benefits to NDCAC including subject matter expertise and the ability to leverage established industry relationships

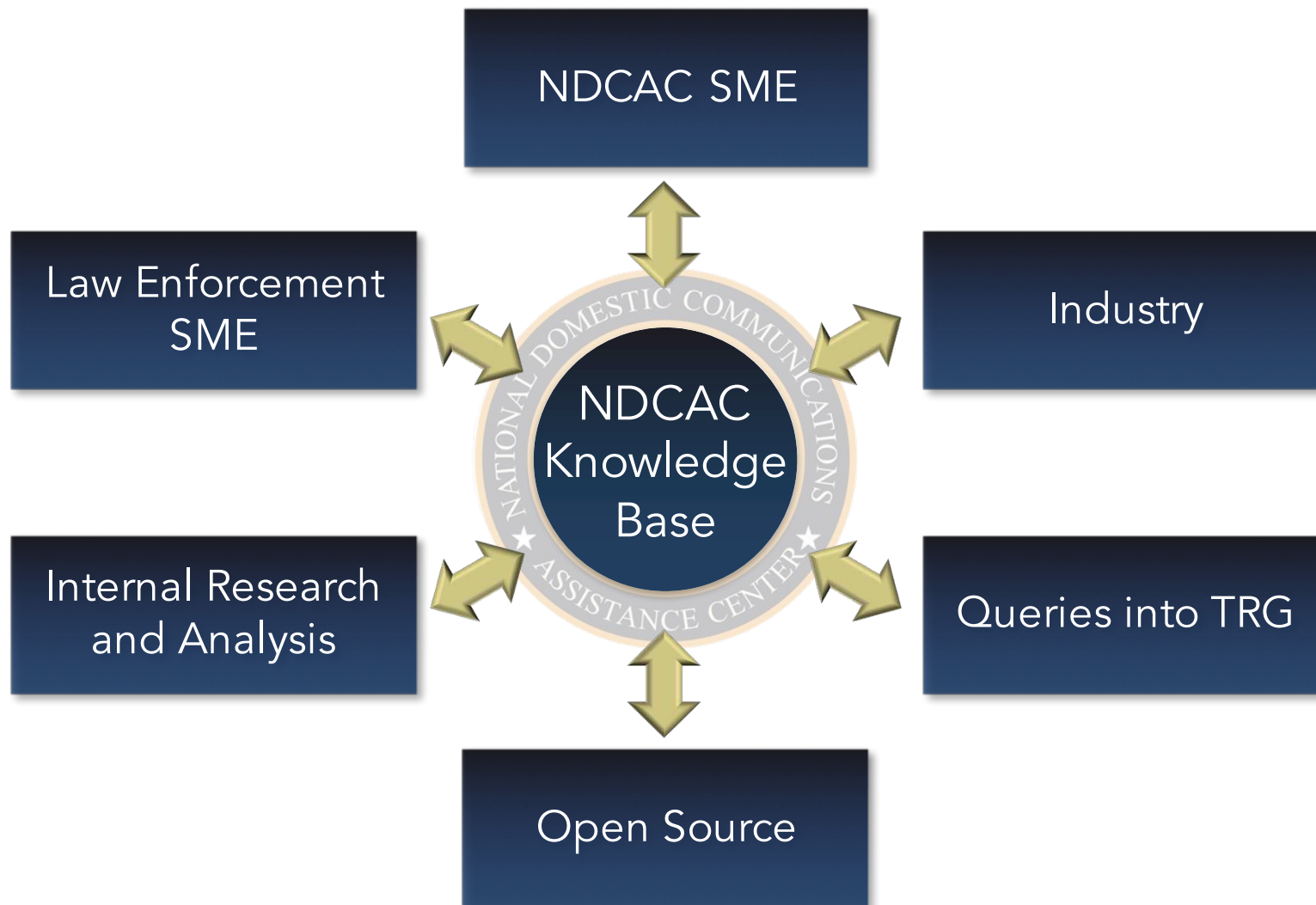


Solution Verification

- Collaborate with industry partners to exercise their intercept systems within a test environment
 - Communication Service Providers and Law Enforcement Agencies
- Service Provider Intercept Solution Verification
 - Execute scenarios to validate carrier's intercept solutions:
 - Capabilities
 - Anomalies
 - Nuances
 - Issues / findings are identified for service provider before realized with a "live" court order



Knowledge Base





Knowledge Base

- NDCAC's ability to serve as an assistance center is based on collaboration among internal and external resources
 - NDCAC and Law Enforcement Subject Matter Experts
 - Relationships with Industry
 - Law enforcement requests
 - Internal research and analysis into emerging technologies and mobile communications services
 - Open source information
- For example, the NDCAC delves into major communications applications to learn how they function and assess the information law enforcement may receive from a provider
 - What information can be provided to law enforcement
 - How subjects of an investigation can evade law enforcement



NDCAC – What it does not do

- The NDCAC is not responsible for the actual execution of any court orders
- The NDCAC does not have any direct investigative role, but provides technical knowledge and referrals in response to assistance requests
- The NDCAC does not conduct robust Research and Development, but is able to modify existing solutions to meet the unique needs of participating agencies
- The NDCAC does not sponsor or provide direct funding or grants to law enforcement agencies (except for the reimbursement of NDCAC-sponsored training)

National Domestic Communications Assistance Center

