National Domestic Communications Assistance Center (NDCAC)

Program Update

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NDCAC Budget

• NDCAC’s Fiscal Year Budgets
  – 2020: $9,759,606 (Proposed)
  – 2019: $10,987,055
  – 2018: $10,987,055
  – 2017: $11,441,998
  – 2016: $11,701,998
  – 2015: $12,201,918
  – 2014: $12,201,918 Sequestration Cut
  – 2013: $13,147,740 Annualization
  – 2012: $8,244,000

• The NDCAC’s expenditures include:
  – Contracted personnel
    – Technology Sharing / Tool Development
    – Technical Analysis
    – Solution Verification
    – Technical Resource / Helpdesk
  – Training / Student Expenses and Conferences
  – Outreach
  – Equipment, Facility, Network, Website
New Project – Legal Demand

• Automated delivery of criminal legal process
  – Grand Jury Subpoenas
  – Criminal Subpoenas

• Request Service Provider for records, with a product return directly to law enforcement
  – Subscriber
  – Types of Service
  – Toll records

• NDCAC received no-year funding exclusively for this effort
  • Received $1.478M, requested $2.7M, remaining funds uncertain

• Initial requirements from members of the Law Enforcement Technical Forum (LETF)

• Currently planning for requirements gathering from Executive Advisory Board (EAB) Technical Subcommittee
NDCAC – Other News

• NDCAC mentioned in letter to FBI (from U.S. Senators Tillis and Schatz)
  – Seeking information on how the FBI plans to prepare law enforcement officials to effectively access and analyze digital evidence in support of criminal investigations
  – Request based on CSIS Report

• FBI (OTD) reorganization
  – Re-alignment of resources to better address investigative technology needs
  – NDCAC now reporting to a Section Chief
Technical Resource Group

- Provide assistance and technical referrals to law enforcement clients – currently more than 20,000

- Six month trend in number of clients: increase of 2,660

- Types of calls handled by the TRG
  - Access requests for NDCAC services and website
  - Interpretation of provider call detail records / cell tower information, including geo-location records
  - Assisting in correlating service provider information
  - Assistance with legal demand (templates)

- Number of requests over the last six months: 7,576 (1,155 via website)
Training

Since the EAB last met, NDCAC has provided training to nearly 2,200 law enforcement representatives:

- Utilizing Open Source/Social Media Information for Investigations
- Gathering Evidence From Today’s Communication Technologies
- Regional Understanding Investigative Techniques for Modern Telecommunications Course
- “Train the Trainers” and “Best Practices” course for devices
Training in Development

• NDCAC Tool Courses
  – Cover each NDCAC tool separately and in-depth
  – Tool’s primary function and how it assists in investigations
  – How to get the tool, what system to have in place to effectively use the tool
  – Hands-on exercises to develop the necessary knowledge, skills, and abilities to utilize the tool

• Location-based Services Training
  – Interactive demonstrations and case studies
  – Covers current and future technologies (e.g., 4G and 5G)
  – Encompasses four major U.S.-based cellular providers, significant web-based companies, and notable mobile applications
  – Records available based on industry segment
Outreach – Law Enforcement

- The NDCAC continues to proactively reach out and educate the law enforcement community about it’s support, tools, and training… in the last six months: nearly 2,000 participants from over 300 agencies.

- Proactive Outreach – introduction of the NDCAC and overview of Gathering Evidence from Today's Communication Technologies
  - Newtown PA  Skokie IL  Carrollton GA
  - Henrico TX  McDonough GA  Chicago IL
  - Columbus OH  Clayton MO  Kansas City MO

- Participation in established forums
  - Law Enforcement Intelligence Network (LEIN)
  - West Texas High Intensity Drug Trafficking Area (HIDTA)
  - Southeast National Technical Investigators' Association (NATIA)
  - NRO LEO Conference
  - International Homicide Association Advanced Homicide Conference
  - Florida Department of Law Enforcement Analyst Conference
Communications Applications

- NDCAC has collected information on communications applications and makes it available through its App Catalog
  - Type of legal process required
  - Information collected during sign-up
  - Information that may be available from service providers
  - Templates
Website

- Secure portal for US law enforcement to access a wide variety of NDCAC products and services
- FY19 Total unique users to date: 5,602
  - Top 3 Downloaded Documents:
    o Reverse Location Search SW - v2 CCIPS.docx (1,187)
    o Technology Best Practices.pptx (611)
    o Reverse Location Search Job Aid.pdf (494)
  - Top 3 Sections:
    o Tools (13,753)
    o Training (7,418)
    o Providers (7,028)
  - Top 3 Tool Downloads:
    o .Social (1,665)
    o CASTViz (1,640)
    o CrossTalk (604)
Website

- Undergoing a transformation to enhance users’ learning experience
- Law enforcement needs to become proficient
  - Understand service and technology impacts
  - Templates tailored by service / provider
- Website clients progress into deeper levels of detail at their discretion and own pace