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 that 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
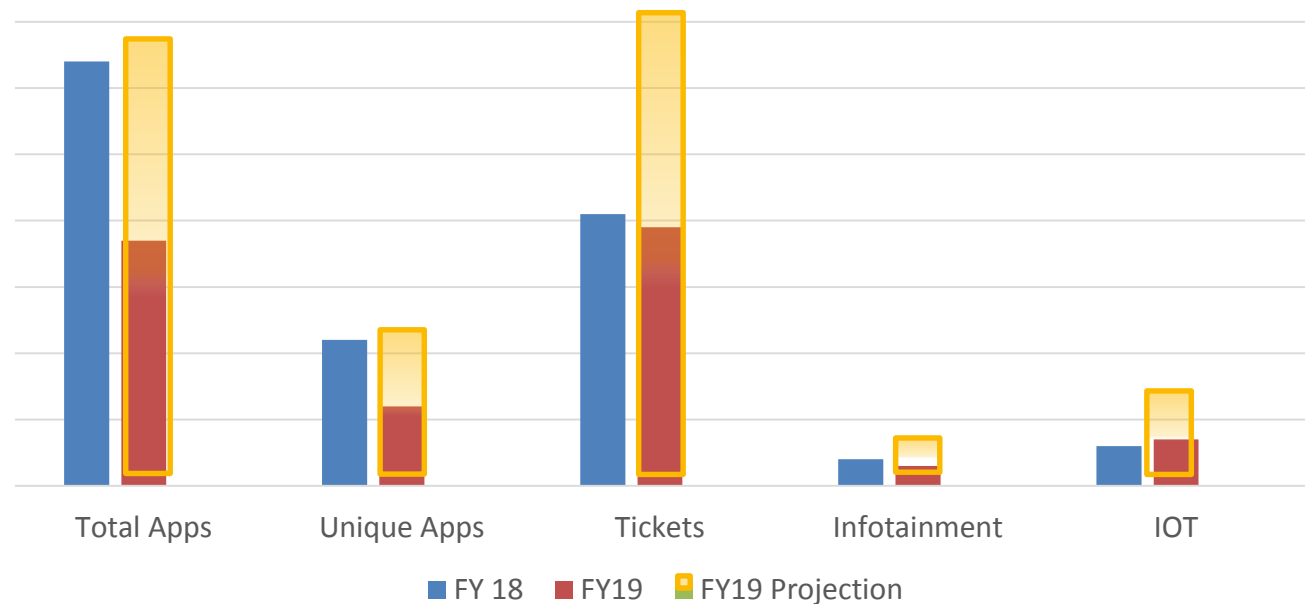 - Records available based on industry segment

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
    - Henrico TX
    - Columbus OH
    - Skokie IL
    - McDonough GA
    - Clayton MO
    - Carrollton GA
    - Chicago IL
    - 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

Legend: ■ FY 18   ■ FY19   □ FY19 Projection

Categories: Total Apps, Unique Apps, Tickets, Infotainment, IOT

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:
    - Reverse Location Search SW - v2 CCIPS.docx (1,187)
    - Technology Best Practices.pptx (611)
    - Reverse Location Search Job Aid.pdf (494)
  - Top 3 Sections:
    - Tools (13,753)
    - Training (7,418)
    - Providers (7,028)
  - Top 3 Tool Downloads:
    - .Social (1,665)
    - CASTViz (1,640)
    - 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