EVERYBODY LOVES FREE STUFF



FREE ANALYST RESOURCES

ABOUT ME



AGENDA



- GOVERNMENT RESOURCES VS OPEN SOURCE
- FINDING PEOPLE
- COMMUNICATION ANALYSIS
- DELVING INTO SOCIAL MEDIA
- RESEARCH & INFORMATION SHARING
- COLLABORATION
- CRIME ANALYSIS TRADECRAFT
- NEXT GREAT FREE TOOL?

TWO TYPES OF "FREE" RESOURCES

GOVERNMENT RESOURCES

FREE = PAID FOR BY TAX DOLLARS

OPEN SOURCE

 FREE = MAY COLLECT AND SHARE YOUR INFORMATION, WHAT YOU SEARCH FOR, AND HOW YOU USE THE RESOURCE (YOU BECOME THE PRODUCT)



OPEN SOURCE RESOURCES

YAY!

- FREE TOOLS ARE ABUNDANT ON THE INTERNET
- CUTTING EDGE DEVELOPMENTS

BUT:

- VALIDITY & RELIABILITY COULD BE QUESTIONABLE
- COULD PROVE PROBLEMATIC IF RESULTS USED AT TRIAL
 - HOW DOES THE TOOL WORK?



GOVERNMENT RESOURCES

YAY!

- TRAINING, DOCUMENTATION, AND TECHNICAL ASSISTANCE AVAILABILITY
- LEGAL VETTING

BUT:

- SLOW TO ADAPT TO OR ACCEPT NEW TECHNOLOGY
- MAY BE BEHIND THE CURVE ON THE "LATEST & GREATEST"



FINDING PEOPLE

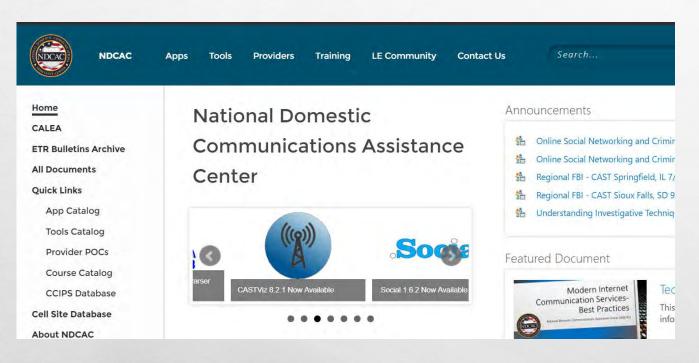
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People Search, Honestly Free! Search by Name

https://www.zabasearch.com/

- Indexes publicly available data
 - Property records, change of address, court records, marriage/divorce filings, voter registration, directory assistance, sweepstakes entries
- Search engine, not a database
- May display inaccurate or out of date info
- Owned by Intelius & advanced searches are directed through Intelius' premium (paid) services
- Intelius' parent company is Inome in Bellevue, Washington (US)

COMMUNICATION ANALYSIS

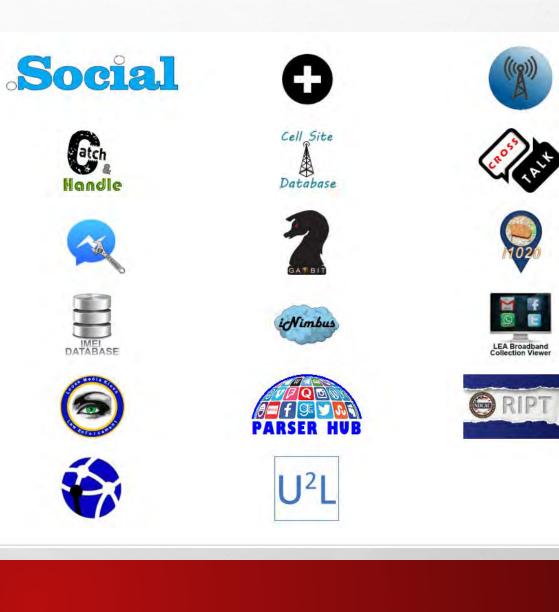


- US Department of Justice organized hub for technical knowledge management
- Shares solutions & know-how among law enforcement
- NDCAC provides classroom and web-based training
- Must have NDCAC account to access tools (law enforcement only)

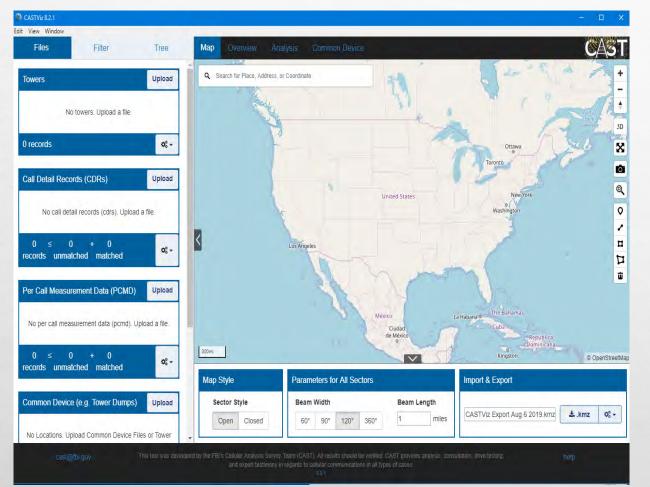
https://ndcac.fbi.gov/

TOOLS

- Warrant return assistance
- Image de-cryptor
- Cell phone analysis
- Cell site database
- Open source research
- Communication tools
- IP look up
- Additional tools



CASTVIZ



CASTViz tool assists with cellular communication analysis

- Call Detail Records (CDR)
- Per Call Measurement Data (PCMD)
- Tower Dump (Common Device) Files
- Tower Files

CASTViz creates interactive maps, charts, and graphs from cell-site information, Call Data Records (CDR), and common device files such as tower dumps. Available on the NDCAC site.

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CROSSTALK

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- CrossTalk is a Google Chrome extension
- Allows the user to identify and collect open source information.
- Directs users to appropriate websites based on known identifiers.
- Search on Name, Email, Username, Phone Number, Facebook, etc.
- Can build a subject card based on findings
- Available on the NDCAC site.

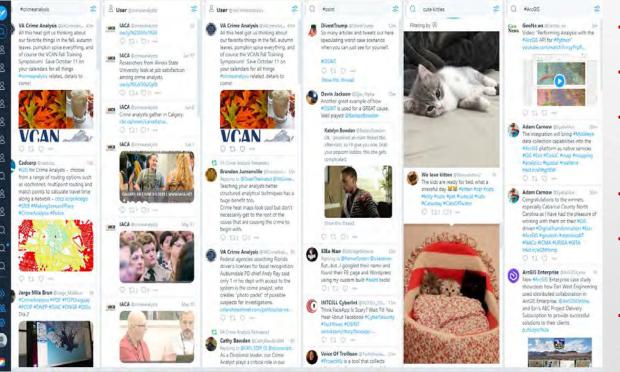
SOCIAL MEDIA

- MONITORING
- SEARCHING

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TWEETDECK

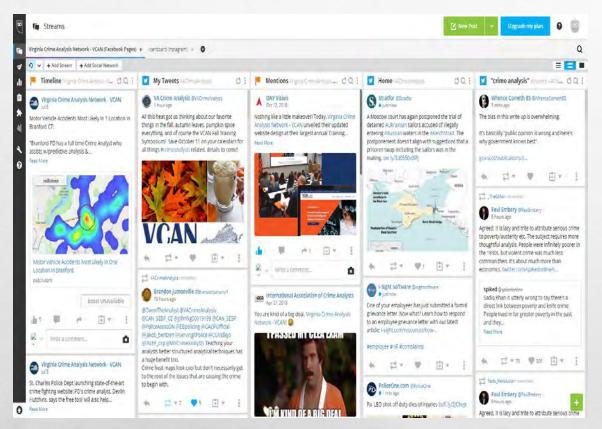


- Twitter owned tool for monitoring twitter feeds, searches, hashtags, location-based posts, etc.
- Must have a twitter account
- Dashboard enables easy viewing
- Features include live streaming and notifications
- Allows you to observe without following
- Through research and trial & error, you can develop an awesome dashboard
- Great for monitoring special events, significant activity, ongoing investigations

https://tweetdeck.twitter.com/

HOOTSUITE

https://hootsuite.com/



- "Freemium" tool may connect up to 3 social networks
- Networks include Twitter, Facebook, LinkedIn, WordPress, Instagram, YouTube, Pinterest
- Must have an account on those networks and link to Hootsuite
- Similar dashboard layout to Tweetdeck
- Headquartered out of Vancouver, Canada

RESEARCH & INFORMATION SHARING

Homeland Security Information Network (HSIN)



Department of Homeland Security's system for sharing information between federal, state, local, international and private sector partners

Based on a share-point platform

Communities of Interest

Web-based training available

https://www.dhs.gov/homeland-security-information-network-hsin

RESEARCH & INFORMATION SHARING

Law Enforcement Enterprise Portal (LEEP)



- FBI resource portal for law enforcement
- With a LEEP account, users can gain access to:
 - National Data Exchange (N-Dex)
 - Joint Automated Booking System (JABS)
 - National Gang Intelligence Center
 - eGuardian
 - Internet Crime Complaint Center (IC3)
 - ViCAP
 - Plus many more...

https://www.cjis.gov

COLLABORATION

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- HSIN Connect available with a HSIN account
- Utilizes Adobe Connect software
- Great for meetings, training, briefings, and special event coordination
- Can up load documents & pictures
- Share your screen capabilities
- Chat feature
- Share webcam
- Can invite "guests" (non-HSIN users) into your room
- Keeps a roster of attendees

https://www.dhs.gov/homeland-security-information-network-hsin

CRIME ANALYSIS TRADECRAFT

Analysis Toolkit

- Developed with support of the U.S. Department of Justice & Bureau of Justice Assistance
- Clearinghouse for publicly available crime and intelligence analysis resources
- <u>HTTPS://IT.OJP.GOV/AT/</u>



OTHER COOL TOOLS

- NAMUS <u>HTTPS://WWW.NAMUS.GOV/</u>
 - Free tools for assisting in missing person & unidentified person cases
- CRIMESTAT <u>HTTPS://WWW.NIJ.GOV/TOPICS/TECHNOLOGY/MAPS/PAGES/CRIMESTAT.ASPX</u>
 - Spatial statistics program
- NATIONAL INSURANCE CRIME BUREAU <u>HTTPS://WWW.NICB.ORG/</u>
 - Insurance fraud resources
- NATIONAL WHITE COLLAR CRIME CENTER <u>HTTPS://WWW.NW3C.ORG/MEMBER-BENEFITS/LAW-ENFORCEMENT-TOOLS</u>
 - Economic & high tech crime tools for law enforcement
- IACP LAW ENFORCEMENT CYBER CENTER <u>HTTP://WWW.IACPCYBERCENTER.ORG/RESOURCES-2/</u>
 - Cyber related tools and resources

NEXT FREE TOOL?

- Follow OSINT Gurus:
 - Kirby Plessas <u>Https://Twitter.Com/Kirbstr</u>
 - HTTPS://PLESSAS.NET/
 - Michael Bazzell <u>Https://Twitter.Com/Inteltechniques</u>
 - HTTPS://INTELTECHNIQUES.COM/
 - OSINT Techniques <u>HTTPS://WWW.OSINTTECHNIQUES.COM/</u>
 - OSINT Curious <u>HTTPS://OSINTCURIO.US/</u>
 - Open Source Policing <u>WWW.OPENSOURCEPOLICING.ORG</u>
 - Search on social media for #OSINT



"The best analytical tool is a skilled operator who knows how and when to apply each crime analysis method" – Joel Caplan

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