

Prosecutor Hi-Tech Resources

I. Organizations

A. Governmental

1. Federal

Office of Justice Programs (OJP) (<https://www.ojp.gov/training-and-technical-assistance#faq-law-enforcement>) - The OJP is a federal agency that provides federal leadership, grants, training, technical assistance and other resources to improve the nation's capacity to prevent and reduce crime, assist victims and enhance the rule of law by strengthening the criminal and juvenile justice systems. Its six program offices support state and local crime-fighting efforts, fund thousands of victim service programs, help communities manage sex offenders, address the needs of youth in the system and children in danger, and provide vital research and data.

National Institute for Justice (NIJ) (<https://nij.ojp.gov/>) - NIJ is the research, development, and evaluation agency of the U.S. Department of Justice. Dedicated to improving knowledge and understanding of crime and justice issues through science. They provide objective and independent knowledge and tools to inform the decision-making of the criminal and juvenile justice communities to reduce crime and advance justice, particularly at the state and local levels.

NIJ offers free, self-paced online courses (<https://nij.ojp.gov/nij-hosted-online-training-courses>) – Topics include - Crime Scene Analysis, Firearms Examination, DNA

NIJ has funded a number of free or low-cost software tools, apps and databases to assist with investigations or research. Find tools for:

- **Communications for public safety** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#communications>)
- **Digital forensics** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#digital>)
- **Fire and arson investigation** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#fire>)
- **Forensic biology/DNA** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#forensicsdna>)
- **Forensic anthropology/medicolegal death investigation**
- **Forensic laboratory operations** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#anthropology>)
- **Forensic toolmarks** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#toolmarks>)

- **Human trafficking** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#humantrafficking>)
- **Law enforcement investigation** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#lawenforcementinvestigation>)
- **Mapping and analysis** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#maps>)
- **Missing persons** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#missing>)
- **Terrorism** (<https://nij.ojp.gov/library/nij-funded-software-tools-apps-and-databases#terrorism>)

National Training and Technical Assistance Center (NTTAC) (<https://ojjdp.ojp.gov/national-training-and-technical-assistance-center>) – Office of Juvenile Justice Delinquency and Prevention created the NTTAC in 1995 to coordinate resources and providers, provide training and technical assistance (TTA) to meet stakeholder needs, and promote the use of best practices and standards in TTA assessment, planning, delivery, and evaluation.

National Domestic Communication Center (NDCAC) (<https://ndcac.fbi.gov/le-portal>) - The NDCAC is the government's first ever attempt to develop a center for electronic surveillance knowledge management and facilitate the sharing of technical solutions and know-how among law enforcement agencies. The NDCAC contributes considerably toward closing the intercept capability gap for state and local law enforcement agencies. This gap is known as Going Dark.

**** Law Enforcement Only TOOLS - .Social, .iNimbus, Parsers, Cross Talk, Google Geo Location, EXIF and Image Viewer**

Located in Fredericksburg, Virginia, the NDCAC opened in early 2013 and is staffed with technical experts dedicated to supporting the law enforcement community. It also accommodates technical training sessions and meetings between law enforcement and industry.

Law Enforcement Enterprise Portal (LEEP) (<https://www.fbi.gov/services/cjis/leep>) - LEEP is a secure platform for law enforcement agencies, intelligence groups, and criminal justice entities. LEEP provides web-based investigative tools and analytical resources, and the networking it supports is unrivaled by other platforms available to law enforcement. Users collaborate in a secure environment, use tools to strengthen their cases, and share departmental documents.

Internet Crime Complaint Center (IC3) (<https://www.ic3.gov/>) - You may file a complaint with the IC3 if you believe you have been the victim of an Internet crime or if you want to file on behalf of another person you believe has been such a victim. After you file a complaint with the IC3, the information is reviewed by an analyst and forwarded to federal, state, local, or international law enforcement or regulatory agencies with jurisdiction, as appropriate. As investigation and prosecution is at the discretion of the receiving agencies, please contact local law enforcement directly if you believe your matter is time sensitive.

National District Attorney's Association (NDA) (<https://ndaa.org/>) - Founded in 1950, NDA is a national, non-partisan non-profit membership association that provides training, technical assistance

and services to prosecutors around the country in support of the prosecution profession. As the oldest and largest association of prosecutors in the country with over 5,000 members, our mission is to be the voice of America's prosecutors and to support their efforts to protect the rights and safety of the people by providing its members with the knowledge, skills, and support they need to ensure justice is attained. NDAA, located in Arlington, VA represents state and local prosecutors' offices from both urban and rural districts, as well as large and small jurisdictions. NDAA serves as a nationwide, interdisciplinary resource center for research, training, knowledge building and accountability as it works to promote a fair and equitable administration of justice.

National Association of Attorneys General (NAAG) (<https://www.naag.org/>) - NAAG is the nonpartisan national forum for America's state and territory attorneys general. NAAG provides a community for attorneys general and their staff to collaboratively address issues important to their work, as well as training and resources to support attorneys general in protecting the rule of law and the United States Constitution.

National Computer Forensics Institute (NCFI) (<https://www.ncfi.usss.gov/ncfi/index.xhtml?dswid=-7240>) – An innovative facility and strategic partnership serve to substantially enhance law enforcement efforts to suppress the continually evolving and increasing number of electronic crime cases affecting communities nationwide, as well as improve and strengthen the prosecution and adjudication of those cases.

NCFI training courses are offered to state and local law enforcement, prosecutors and judges through funding from the federal government. Travel, lodging, equipment (in some classes), and course fees are provided at no costs to attendees or their agencies.

B. Non-Governmental Organizations

NW3C (National White Collar Crime Center) (<https://www.nw3c.org/>) - For more than 40 years, NW3C has been training law enforcement and regulatory agencies in the prevention, investigation, and prosecution of economic and high-tech crime. Through grant funding from various federal agencies, we are able to provide high-quality, industry-leading training for FREE. NW3C offers training and support materials through classroom training, online training, webinars, and investigative resources. Utilize NW3C courses to grow in your career, obtain continuing education credits, or solve a current investigation.

Currently NW3C offers more than 70 on-demand webinars 60-90 minutes in length on a variety of topics including human trafficking, money laundering, cell phone analysis, using Excel, OSINT, Cold Accounts, Bank subpoenas,

The National White Collar Crime Center (NW3C) is hosting legal templates for criminal justice practitioners that have been provided by the Computer Crime and Intellectual Property Section (CCIPS), a division of the United States Department of Justice. There are over 100 available templates to assist practitioners in the investigation and prosecution of high-tech crime cases.

Law Enforcement Cyber Center (LECC) (<https://www.iacpcybercenter.org/>) - LECC is designed to assist police chiefs, sheriffs, commanders, patrol officers, digital forensic investigators, detectives, and prosecutors who are investigating and preventing crimes that involve technology.

High Technology Crime Investigation Association (HTCIA) (<https://htcia.org/>) - HTCIA was formed to provide education and collaboration to our global members for the prevention and investigation of high tech crimes.

As such, we are an organization that aspires to help all those in the high technology field by providing extensive information, education, collective partnerships, mutual member benefits, astute board leadership and professional management.

National Consortium for Information Justice and Statistics (SEARCH) (<https://www.search.org/>) - As a national nonprofit organization of the States, SEARCH is the premier resource for collecting, sharing, and analyzing innovative and timely knowledge, information, best practices, services and solutions for justice information sharing.

The **ISP List** (<https://www.search.org/resources/isp-list/>) is a database of Internet service and other online content providers that will help you get the information you need for your case. For each Internet Service Provider listed, you'll find the legal contact information and instructions needed to serve subpoenas, court orders, and search warrants.

The **SEARCH Investigative and Forensic Toolbar** (<https://www.search.org/resources/search-investigative-and-forensic-toolbar/>) gives investigators and forensic examiners quick links for finding people, and finding out what they're up to on Facebook, Twitter, and Instagram. It also includes resources for cell phone forensics, the backbone of any modern-day investigation.

Financial Industry Regulatory Authority (FINRA) (<https://www.finra.org/#/>) - FINRA plays a critical role in ensuring the integrity of America's financial system—all at no cost to taxpayers. Working under the supervision of the Securities and Exchange Commission, we:

- **Write and enforce rules** governing the ethical activities of all registered broker-dealer firms and registered brokers in the U.S.;
- **Examine firms for compliance** with those rules;
- **Foster market transparency**; and
- **Educate investors**

Association of Certified Fraud Examiners (ACFE) (<https://www.acfe.com/default.aspx>) - The ACFE is the world's largest anti-fraud organization and premier provider of anti-fraud training and education. Together with nearly 90,000 members, the ACFE is reducing business fraud worldwide and inspiring public confidence in the integrity and objectivity within the profession.

National Center for Missing and Exploited Children (NCMEC) (<https://www.missingkids.org/HOME>) - As the nation's nonprofit clearinghouse and comprehensive reporting center for all issues related to the prevention of and recovery from child victimization, NCMEC leads the fight against abduction, abuse, and exploitation - because every child deserves a safe childhood.

Internet Crimes Against Children (ICAC) (<https://www.icactaskforce.org/>) – ICAC is a national network of 61 coordinated task forces, representing over 5,400 federal, state, and local law enforcement, dedicated to investigating, prosecuting and developing effective responses to internet crimes against children.

International Association of Computer Investigative Specialists (IACIS) (<https://www.iacis.com/>) - IACIS is a non-profit, volunteer organization wholly dedicated to training, certifying and providing membership services to computer forensic professionals around the world. Formed in 1990, IACIS has enjoyed steady international growth as it has matured into a well-respected professional organization of international acclaim.

Perhaps one of IACIS' greatest strengths is found in its membership base, consisting of federal, state, and municipal law enforcement professionals, along with professional computer forensic practitioners located in more than 60 countries around the world. Another undeniable strength comes in the form of the basic and specialized training curriculum. As one of the primary core services provided by IACIS, training has served as the cornerstone upon which its professional certification foundation was built. For more than a quarter of a century IACIS has provided state-of-the-art computer forensic training to students around the world. From its simple beginning in 1990 providing US-based training, IACIS has become the international benchmark in computer forensic training.

Electronic Freedom Foundation (EFF) (<https://www.eff.org/>) – EFF is the leading nonprofit organization defending civil liberties in the digital world. Founded in 1990, EFF champions user privacy, free expression, and innovation through impact litigation, policy analysis, grassroots activism, and technology development. EFF's mission is to ensure that technology supports freedom, justice, and innovation for all people of the world.

C. Helpful Private Companies

Hawk Analytics (<https://www.hawkanalytics.com/hawktalk/>)

Hawk Toolbox - We here at Hawk Analytics are passionate about supporting the people and mission of Law Enforcement. As such, we have created the Hawk Toolbox – a **FREE** resource for anyone who works with cell phones, Call Detail Records (CDRs) and geo-location data. We are continuously updating this website with the tools and information you need for chasing phones.

HawkTalk, a free webinar series, is designed to expand community knowledge regarding call detail records, their analysis, and cellular theory. Hear industry thought leaders share their knowledge on current topics relevant to your investigations.

**** LE Only section hosts the L.E. Resource Guide w/ 100's of examples of preservation request, consent forms, subpoenas, and search warrants – and Google Geofence Reverse Location Search Warrant Tool**

Cellbrite (<https://cellebrite.com/en/home/>) – **One of the most popular cell phone analysis tools**
Cellbrite is the global leader in partnering with public and private organizations to transform how they

manage Digital Intelligence in investigations to protect and save lives, accelerate justice and ensure data privacy. We aid organizations in mastering the complexities of legally sanctioned digital investigations with an award-winning Digital Intelligence Investigative Platform and services to unify the investigative lifecycle and manage digital evidence. Our technology helps convict bad actors and bring justice to victims of crimes, including child exploitation, homicide and sexual assault, drug and human trafficking, fraud and financial crime. Our solutions, services, and training are built and designed to help our customers improve public safety, help victims reclaim their lives, and uncover the truth buried within each investigation.

Open Source Intelligence Techniques (<https://www.osinttechniques.com/osint-tools.html>)

Hello! Welcome to Open Source Intelligence (OSINT) Techniques. On this website you will find information and resources to conduct open source internet research. Whether you are an Investigator, Analyst, Researcher, or have a general interest in the potential of open source, you have come to the right place.

Autopsy/The Sleuth Kit (<https://www.sleuthkit.org/index.php>)

Autopsy and the Sleuth Kit are likely the most well-known forensics toolkits in existence. The Sleuth Kit is a command-line tool that performs forensic analysis of forensic images of hard drives and smartphones. Autopsy is a GUI-based system that uses The Sleuth Kit behind the scenes.

The tools are designed with a modular and plug-in architecture that makes it possible for users to easily incorporate additional functionality. Both tools are free and open-source, but commercial support and training are available as well.

Forensic Toolkit (FTK) (<https://www.exterro.com/forensic-toolkit>)

One of the most popular commercial forensic tool suites

EnCase (<https://security.opentext.com/>)

OpenText™ EnCase™ Forensic is a court-proven solution for finding, decrypting, collecting and preserving forensic data from a wide variety of devices, while ensuring evidence integrity and seamlessly integrating investigation workflows.

Paraben (<https://paraben.com/>)

Paraben provides solutions. We specialize in digital forensics, risk assessment, and security, but we love technology. Our platforms data processing engines are renowned for the details we can pull from computers, email, mobile device, smartphones, and IoT devices. Paraben's technology has been around since 1999 and we have always innovated. Paraben's E3 Platform was the first tool with a unified interface to deal with all types of digital data.

Hunter (<https://hunter.io/>)

Tools to locate, and verify email addresses of business professionals. Hunter's Chrome extension lets you find the email addresses behind the websites you're browsing. The Domain Search is perfect to quickly find who to contact in a business. In half a second, it lists the email addresses publicly available on the web, with confidence scores, department filters and detailed sources.

Lullar (<https://lullar-com-3.appspot.com/>)

Lullar searches for social media profiles based on email address

Critter Camera (<https://critter.camera/>)

Critter.Camera lets you turn any phone, tablet or laptop into a motion activated camera
Private and secure - no data is sent over the internet and all images are stored locally on your browser
Highly sensitive motion detection will capture everything from human beings to tiny insects
Simply place the device pointing at the area to watch, press start and leave it to do its thing

Translate It (<https://www.transl8it.com>)

Translates SMS slang and abbreviations to English and visa versa

D. Email Tools (IP Logger Tracking Tools)

<https://grabify.link/>

https://help.proofpoint.com/Proofpoint_Essentials/Email_Security/User_Topics/090_quarantine/Reading_Email_Message_Headers_Using_Header_Analyzer_Tools_-

<https://mha.azurewebsites.net/>

<https://mxtoolbox.com/EmailHeaders.aspx>

<https://toolbox.googleapps.com/apps/messageheader/>

E. Reference Materials

Best Practices for Seizing Electronic Evidence: A Pocket Guide for First Responders – U.S. Secret Service (2018) (<https://www.cwagweb.org/wp-content/uploads/2018/05/BestPracticesforSeizingElectronicEvidence.pdf>)

Digital Evidence in Criminal Cases Before the U.S. Courts of Appeal: Trends and Issues for Consideration – National Institute for Justice (2020)
(<https://commons.erau.edu/cgi/viewcontent.cgi?article=1609&context=jdfs/>)

Understanding Electronic Information in Criminal Investigations and Actions: Key examples form court decisions and outside commentary – Mass. Attorney General (2016-2022/Annual Publication)
(<https://www.mass.gov/service-details/understanding-electronic-information-in-criminal-investigations-and-actions>)

Remote Methods for Volunteering Digital Evidence on Mobile Devices – Office of Justice Programs (2021) (<https://www.ojp.gov/pdffiles1/nij/grants/300689.pdf>)

Electronic Information in Criminal Investigations and Actions: Supplementary Materials (78 pages of cases and analysis) – Mass. Attorney General (2022) (<https://www.mass.gov/doc/electronic-evidence-in-criminal-investigations-and-actions-april-2022/download>)

Searching and Seizing Computers and Obtaining Electronic Evidence in Criminal Investigations – DOJ Computer Crime and Intellectual Property Section, Criminal Division (2009) (<https://www.justice.gov/file/442111/download>)

Digital Evidence in the Courtroom: A Guide for Law Enforcement and Prosecutors – National Institute for Justice (NIJ) (2007) (<https://www.law.du.edu/images/uploads/library/evert/DigitalEvidenceinTheCourtroom.pdf>)

Prosecuting Computer Crimes - DOJ Computer Crime and Intellectual Property Section, Criminal Division (2010) (<https://www.justice.gov/criminal/file/442156/download>)

Report of the Attorney General's Cyber Digital Task Force: Cryptocurrency Enforcement Framework – U.S. DOJ (2020) (<https://www.justice.gov/archives/ag/page/file/1326061/download>)

Low Hanging Fruit: Evidence-Based Solutions to the Digital Evidence Challenge – Center for Strategic & International Studies (2018) (<https://www.csis.org/analysis/low-hanging-fruit-evidence-based-solutions-digital-evidence-challenge>)

Digital Evidence and the U.S. Criminal Justice System – Rand Corporation & NIJ (2015) (<https://www.ojp.gov/pdffiles1/nij/grants/248770.pdf>)

Massachusetts Digital Evidence Guide – Mass. Attorney General (2015) (<https://archives.lib.state.ma.us/bitstream/handle/2452/429086/ocn960643728.pdf?sequence=1&isAllowed=y>)

Technology & Law – DOJ Journal of Federal Law and Practice (2021) (<https://www.justice.gov/usao/page/file/1403671/download>)

Authenticating Social Media Evidence at Trial – JDSupra (2019) (<https://www.jdsupra.com/legalnews/authenticating-social-media-evidence-at-33843/>)

"Getting Information off the Internet Is like Taking a Drink from a Fire Hydrant" – The Murky Area of Authenticating Website Screenshots in the Courtroom, American Journal of Trial Advocacy (2016) (<https://heinonline.org/HOL/LandingPage?handle=hein.journals/amjtrad37&div=7&id=&page=>)

Forensic Examination of Digital Evidence: A Guide for Law Enforcement – National Institute for Justice (NIJ-2004) (<http://www.federaldefender.org/tech/forensc2.pdf>)

F. Private LE Only Listserve

1. Digital DA - digital-da@groups.io – Over 800 prosecutors across the country, requires approval from admin.

Huge files section with 100's of Search Warrant, Case Summaries, Transcripts, etc....