

TIP SHEET



Does your office need additional
investigative resources for the
prosecutorial phase?

Identifying available investigative resources can help alleviate today's biggest challenges faced by criminal prosecutors and their office.

Local, state, and federal prosecutors face a range of challenges that can make their work difficult. These challenges are compounded by emerging technology, advanced and agile criminal networks, borderless crimes, constrained resources, personnel, training, and access to solutions to help in the prosecutorial process.

Prosecutors must also contend with learning how to leverage the latest investigative technologies while upholding public safety expectations. To make best use of the information received, prosecutors need access to the latest technology, requisite training, and resources to support the advancement of justice. This tip sheet will explore today's top challenges and detail the ways that LexisNexis® Risk Solutions Public Safety Criminal Investigative Solutions and Services can help navigate these obstacles.

Challenge #1:



Limited resources lead to increased workload and delays in processing cases.

Prosecutors' offices, like the law enforcement agencies they work with, may be understaffed making it difficult to keep up with the increased workload and prioritize cases effectively. This can lead to delays in processing cases and delayed justice for victims, their families and society. Additionally, challenges related to staffing and resources also impact the availability of those with specialized skills and detailed knowledge required for complex trial preparation, particularly those involving mobile device records. Often prosecutors are unaware of alternative resources available when a subject matter expert is required for a peer review of a case or additional analysis. Prosecutors also need a dependable expert that can articulate the details uncovered in complex geolocation analysis to a jury.



Solution: LexisNexis Risk Solutions offers [Public Safety Criminal Investigative Services and Consulting](#) to prosecutors and law enforcement agencies in need of assistance from Subject Matter Experts. Our team of Subject Matter Experts is unmatched in their ability to harness the tools and solutions available in the LexisNexis Investigative Suite. This team provides real-time investigative insight to help resolve complex cases. Through LexisNexis Investigative Services and Consulting, prosecutors can gain immediate access to expert analysts with current training and extensive investigative experience that understand how to leverage technology and the synthesizing of substantial amounts of data.

Our team will coordinate with your prosecutorial team to develop an in-depth plan on how to further your investigation. This Criminal Justice Information Services (CJIS) compliant team can synthesize data and collect external information needed to produce actionable intelligence for your agency. Utilizing advanced analytical tools, they can combine the gathered data and convert the information collected into a usable format for analysis. Through thorough evaluation and analysis, intelligence products can be produced to aid in making informed decisions, as well as courtroom ready reports and visual aids to ensure the prosecutorial team has what they need throughout the judicial process.

Challenge #2:



Individuals and their assets can often be difficult to locate.

Millions of individuals move every year and fail to properly update their address and records, such as vehicle registrations, in a timely manner. Some jurisdictions have high tourism volumes with numerous individuals traveling in and out of their area each year. Monitoring the movement of individuals that need to be contacted by a prosecutor's office for trial preparation can be difficult and time consuming.



Solution: Criminals have no boundaries so neither should your office when necessary to locate critical investigative information and individuals for a trial. [LexisNexis® Accurint® Virtual Crime Center \(AVCC\)](#) is a visual interface that allows you to view identity data combined with contributory law enforcement data from agencies across the country in one location. AVCC provides a single log-in solution giving you a comprehensive view of information on individuals, vehicles, phone information, and businesses. The data within AVCC is linked together using our patented linking technology providing a comprehensive view of a person of interest and to see those individuals, phone numbers, addresses, vehicles and other records linked to your subject, revealing those sometimes difficult to uncover connections.

Challenge #3:



Rapidity of technological innovation means inherent challenges for prosecutors to keep pace with criminal networks.

Advances in technology have made it easier for criminals to commit crimes, creating the requirement for prosecutors to stay current on the latest technologies available for criminal investigations. For success, prosecutors must be able to understand and utilize investigative technologies effectively in their investigations, and throughout every step of the judicial process. Prosecutors and the investigators they work with often lack access to, or are unaware of available technology to help take complex investigations to the next level.

Mobile device technology has revolutionized the way people communicate and has created new challenges involving geolocation evidence for law enforcement agencies and prosecutors in recent years. One of the biggest challenges faced in cases involving mobile device technology is correlating the sheer volume of communication records with the geolocation data that needs to be reviewed to determine evidentiary value. To effectively use this data in court, prosecutors need access to tools and resources necessary to manage large volumes of data efficiently, effectively, and in accordance with evidentiary rules and privacy concerns.



Solution: [LexisNexis® Accurint® TraX™](#) is a next generation solution providing the ability to visualize and analyze call detail records and third-party device location information to produce evidence for criminal investigations. Users can quickly correlate critical mobile device records to interpret patterns, generate leads, and solve complex cases. Accurint TraX combines the power of identity data and law enforcement data in Accurint Virtual Crime Center with call detail record analysis.

Proper analysis of mobile device records is extremely powerful evidence that can lead to a conviction or an exoneration. Accurint TraX provides prosecutors and their investigators with mission critical tools for mapping and analytics to examine call detail records, map and analyze geolocation data, visualize the location of a device historically and in real-time, and understand connections between devices. The Accurint TraX solution can arm prosecutors with the technology needed to reproduce geolocation evidence required for court or to analyze records obtained through legal process for trial purposes.

Challenge #4:



Prosecutors lack formal, specialized training in device geolocation analysis evidence.

Prosecutors need to be highly trained and skilled to effectively prosecute cases. Regular training and professional development are essential to maintain the expertise required in criminal trends, changes in law, and advances in technology. To effectively use mobile device data in court, prosecutors need specialized training and expertise, as well as the tools and resources necessary to analyze large volumes of data efficiently, effectively and in accordance with evidentiary rules and privacy concerns. Often, this type of training is not made readily available to prosecutors, and they are unclear on what training options are best suited for them.



Solution: LexisNexis Risk Solutions can provide prosecutors with customized training led by industry leading Subject Matter Experts with diverse backgrounds in law enforcement and military intelligence and analysis. A variety of in-person and virtual courses specifically designed to aid customers with device geolocation analysis and the Accurant TraX solution are available. Courses focused on helping attendees advance their proficiency utilizing call detail record metadata for successful investigations and trial presentations are offered in a variety of locations across the country every month. Current course offerings include [Criminal Investigations Using Cellular Technologies, Fugitive Mission Planning, and Leveraging Mobile Device Data in Exigent Situations](#).

Challenge #5:



Data provided to prosecutors can be “dirty”, creating challenges when resolving identities in criminal investigations.

The volume of data that prosecutors must compile can be overwhelming, making it difficult to identify key evidence and prioritize cases effectively. Data is received by the prosecutor’s office from multiple law enforcement sources, with each possessing multiple databases. Some of these databases are homegrown, while others are purchased and provided by a variety of vendors and government entities. Merging disparate datasets can be cumbersome and can cause data to be subject to error. Access to clean, enhanced, and well-managed data can help with making effective and efficient decisions during the trial preparation process.



Solution: LexisNexis Risk Solutions is uniquely positioned to examine the identities within these databases, append a unique identifier, and provide additional information about the identities. Using data linking technologies represented in more than 35 patents, our LexID® patented identity resolution technology is used by multiple United States federal, state, and local government agencies, and is now available to assist in normalization/cleansing data efforts across all sourced data within a Records Management System. Other solutions are limited by their federated search technology, which groups records only when they match on exact or near exact input criteria. In contrast, LexisNexis Risk Solutions cross-links every new record, regardless of whether the data is structured or unstructured, and combines the data to create a comprehensive identity profile of an individual or business. LexID connects identities behind the scenes by refining, linking, and fusing data from over 10,000 distinct sources, with up to 99.99% precision. This process builds rich and reliable identity profiles despite errors, missing data, and other inconsistencies from originating sources. The LexID technology detects, verifies, and cleanses sourced data anomalies to enrich data quality despite misspellings, transpositions, and other errors.

This process is [LexisNexis® Data Quality Management](#). We have two standard options for Public Safety Agencies: LexisNexis® Entity Management for Public Safety and LexisNexis® Entity Management Plus for Public Safety. Both options leverage our proprietary linking technology on agency data to return a unique identifier via large, processed files (batch files) and Application Programming Interface (API). Our Entity Management Plus Option bolsters the returned data with other data elements to include name, SSN, DOB, phone numbers, deceased flags, addresses, email addresses, and more. This can provide prosecutor’s offices, and the law enforcement agencies they work with, clean, enhanced, and well-managed data to aid in making more effective and efficient decisions in everyday workflow and quickly solve crimes impacting their community.



LexisNexis® Public Safety Criminal Investigative Solutions and Services

Leverage LexisNexis Risk Solutions Investigative Offerings

At LexisNexis Risk Solutions we recognize that a case does not end with an arrest. Our investigative solution suite and services are in place to help prosecutors, and the law enforcement agencies they work with, throughout the prosecutorial cycle. Contact us today to learn more about how LexisNexis Risk Solutions Investigative Solutions and Services can enhance your office workflow and streamline investigations.

To learn more about LexisNexis Risk Solutions Public Safety Criminal Investigative Solutions, Services and Consulting, visit www.risk.lexisnexis.com/LE



About LexisNexis Risk Solutions

At LexisNexis Risk Solutions, we believe in the power of data and advanced analytics for better risk management. With over 40 years of expertise, we are the trusted data analytics provider for organizations seeking actionable insights to manage risks and improve results while upholding the highest standards for security and privacy. Headquartered in metro Atlanta USA, LexisNexis Risk Solutions serves customers in more than 100 countries and is part of RELX Group, a global provider of information and analytics for professional and business customers across industries. For more information, please visit www.lexisnexis.com/risk.

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