

# Discovering More with Mobile Forensics and PLX

## Make Massive Amounts of Data Work for Your Investigations

With cutting-edge technology, PLX can revolutionize mobile forensics data analytics. Erik Sheehan, Project Management Lead at PenLink, shared that using the PLX platform to analyze mobile forensics data has numerous benefits for law enforcement.

“Benefits of mobile forensics with PLX include cross-case deconfliction, cross-agency deconfliction, data visualization, and the ability to analyze data from various sources in one platform,” Sheehan says.

### Sorting It All Out

During investigations, the data coming in from phones, email, and social media apps can be overwhelming and cumbersome. That’s why so many law enforcement agencies use PLX from PenLink, a comprehensive solution for historical analysis and live collection of communication data. PLX clarifies complex data coming from phones, email, social media, applications and mobile devices.

PLX can load data from over 600 companies including social media sites, applications, webmail, telephone, and mobile device forensics providers. Five mobile device forensics

providers can currently be loaded into PLX: Magnet, XRY, Cellebrite, Oxygen, and Susteen. And the information provided is a powerful tool for investigations—calls, SMS, emails, chats, locations, contacts, images, videos, and MMS can all be reviewed with PLX. These data points can all be viewed together in a user-friendly interface showing location pings right next to text messages sent between targets, along with photos or videos taken of crime scenes. All the information is organized and available to law enforcement, and with a customizable dashboard allowing you to see the information that is most important to your investigations.

PLX also makes it easy to sort through massive amounts of information to pinpoint evidence for cases. With features like the case overlap deconfliction tool, PLX flags data that may appear in more than one case within an agency—or across several agencies with the help of the newest feature, PLX Connect.

“The deconfliction tool is very helpful to cross-reference data that could be important evidence in multiple cases,” Sheehan adds.

***“PLX is a one-stop-shop for communications data analytics, It’s an invaluable resource for law enforcement and mobile device forensics.”***

**Erik Sheehan,**  
Project Management Lead  
at PenLink

## Case Analytics Made Easy

Data visualization using the Case Dashboard allows users to see an overview of all the data in an easily readable and accessible way. PLX disseminates information in several ways, including a top 10 contact IDs list, a heat map of location information, and frequency charts of the days and times calls are made during the week. This makes case analytics easier on law enforcement.

"PLX creates a nice overview of the data without having to do in-depth analytics," Sheehan notes.

In addition to mapping tools, call statistical summaries, pen proxy, image galleries, and others, the conversation view tool is one of the most helpful, according to Sheehan.

"The conversation view allows law enforcement to quickly be able to read a text conversation between targets while filtering out irrelevant information," he says.

And once the evidence has been located within the data, it's easy to export reports for case managers or prosecution.

"PLX is a one-stop-shop for communications data analytics," Sheehan says. "It's an invaluable resource for law enforcement and mobile device forensics."

The results speak for themselves: PLX helps law enforcement save time, money, and resources, apprehending targets and closing cases quickly and without in-depth analytics.

**"PLX makes it easy to sort through massive amounts of information to pinpoint evidence for cases."**

### About PenLink

For 35 years, PenLink has been the industry-preferred provider for communications, surveillance, and forensics data analysis. Our state-of-the-art solutions help law enforcement collect, normalize, and analyze complex data faster and more efficiently – revealing essential insights and helping them build stronger cases.

We are proud to support agencies around the world in their effort to fight wrongdoing. PenLink is headquartered in Lincoln, Nebraska, and operates a regional office in Washington, D.C.

**For more information, or to request a free demo, visit [PenLink.com](https://PenLink.com)**