



**MAGNET**  
FORENSICS®

# Finding Evidence that Other Tools Miss

## Magnet AXIOM Smartphone Finds and Correlates Hard-to-Find Artifacts

### THE CHALLENGE

Password protection on encrypted devices, new and updated apps and artifacts, and quickly finding and analyzing relevant data from unsupported phones are all key challenges for examiners who find that smartphones are their main source of evidence on 75 percent of cases. In addition, examiners have found that they sometimes spend too much time manually correlating pieces of evidence together.

### COMPANY OVERVIEW

Located on central Texas' Edwards Plateau in, Comal County is one of the United States' 10 fastest growing large counties, according to U.S. census estimates. Serving the county population of about 141,000 is the Comal County Sheriff's Office, whose computer forensics division supports investigators on a wide variety of cases: Internet crimes against children, homicide and other violent crimes, property and financial crimes, and drug-and gang-related offenses.

“ I was able [to use AXIOM to] easily display chat communication between a suspect and their stalking victim. We utilize AXIOM as our secondary tool, sometimes importing other extractions into AXIOM Process. It is a good program with a variety of features not found in other tools, and the training is very extensive and useful. Friendly customer support, trainers, and sales reps.

— Kristina Hegstrom, Computer Forensic Examiner, Comal County, Texas

## HOW AXIOM HELPS

AXIOM's ability to easily ingest smartphone extractions from other tools is especially valuable, as examiners can use the capability to find more evidence from deleted or unallocated space. In particular, AXIOM carves deleted, encoded, or encrypted data that other tools don't find in the file system or through a binary keyword search.

When this data includes chat history, AXIOM can rebuild chat history from popular—even encrypted— instant messaging and social media apps including WhatsApp, Snapchat, Grindr, Facebook, Instagram, and many others. By rebuilding chat messages into the familiar chat bubble format, AXIOM makes it easy to present to non-technical stakeholders like prosecutors, judges and juries.

Mobile device challenges can also drive the need to combine computer, cloud, and mobile examinations into one case. When that becomes necessary, examiners rely on AXIOM's focused searches and filters to pinpoint specific items in large datasets. Finally, rather than have to take the time to correlate artifacts manually, examiners use Connections in AXIOM to visually represent the links between artifacts across data sources. This capability helps to establish timelines as well as to demonstrate intent.



## SEE AXIOM IN ACTION FOR YOURSELF

If you'd like to learn more about Magnet AXIOM and how it can help you run smoother investigations, visit [magnetforensics.com/magnet-axiom](https://magnetforensics.com/magnet-axiom). While you're there, you can learn more about the product, request an in-depth personal demo from an AXIOM expert, and request a free 30-day trial version.

Learn more at [magnetforensics.com](https://magnetforensics.com)

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