



How Upgrading to Magnet AXIOM Helped Crack a Case

Recovery Images Helped Gain Access and Obtain Data in a Statutory Rape Case

THE CHALLENGE

A detective who was investigating a statutory rape case encountered a Samsung tablet. To build a case for the prosecution, the detective needed the internet history from the tablet. Forensic examiners could see the browser history in both Google Chrome and the Samsung native browser, but neither Cellebrite, Oxygen, nor MobileEdit forensics tools could extract the data—so examiners had no way to run it through their existing Magnet IEF installation.

The forensic examiner assigned to support the detective's case recalled that Magnet ACQUIRE could perform mobile acquisitions. The menu in ACQUIRE offered a recovery image option, but this was only for TWRP images.

COMPANY OVERVIEW

A major police department in the Greater Atlanta (Georgia, US) Metropolitan Region serves a population of nearly one million people. Its Computer Forensics Lab supports a wide range of units and investigations, offering digital forensic analysis on any media that stores evidence of crimes.



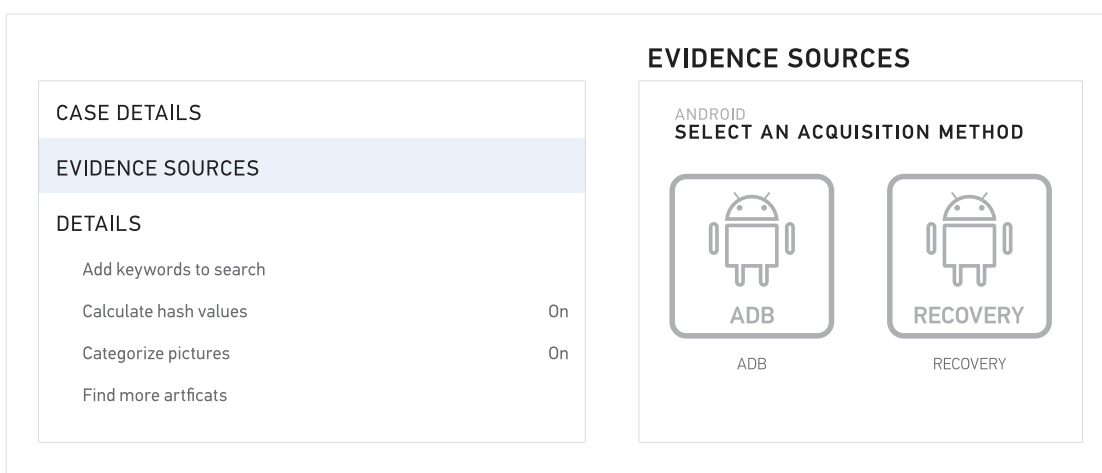
[This was our] first experience with AXIOM Process and [its] Custom Recovery Images. Worked great and [we were] able to gain privileged access to a Samsung Tablet and extract the data needed when others would not."

— Digital Forensic Examiner, Greater Atlanta Metropolitan Region, Georgia, US

HOW AXIOM HELPS

Starting in 2017, Magnet Forensics had begun to add custom recovery images for a number of Android devices directly in Magnet AXIOM. Among the first were profiles for more than 680 Samsung devices. Realizing this, the forensic examiner obtained an AXIOM trial key and found the custom recovery image for the evidence tablet within AXIOM Process.

Following the instructions within the AXIOM Process interface, the examiner was able to obtain privileged access to the Samsung tablet and perform the extraction. The extracted data included the browser history the detective needed to build for the case—such a success that the lab opted to upgrade all Magnet IEF licenses to AXIOM.



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. 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

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