



Finding Forensic Support Across Digital Devices

How Magnet AXIOM's Support for Mobile, Cloud and Computer Helps Examiners Trace Evidence

THE CHALLENGE

The variety of cases the Ministère de l'Intérieur is responsible for investigating ranges from violent crimes such as homicide, to drug- and gang-related crimes, to property crimes and Internet crimes against children. Seventy-five percent of the evidence in these cases comes from smartphones, so it's often crucial for forensic examiners to be able to bypass password protection on encrypted devices, and to find and analyze relevant data from unsupported apps.

In addition, investigators need to be able to obtain cloud- or computer-based evidence from mobile synchronization when the device is unavailable or inaccessible. In these cases, the ability to combine computer, cloud, and mobile examinations into one case is important.

AGENCY OVERVIEW

The Ministère de l'Intérieur (Minister of the Interior) in France is responsible for the country's major law-enforcement forces, including the French National Police and the police operations of the French Gendarmerie (which is otherwise administered by the Ministry of Defence).

“ I tested AXIOM to analyze a physical copy of a Samsung Galaxy S6 with Android 7. I was satisfied entirely. UFED Ultimate was unable to support the extraction I got using TWRP on the [Galaxy S6]. AXIOM supported it easily and parsed useful artifacts effortlessly. I was able to give a well-presented case report to my colleague investigator.

— Frederic Pham, Digital Forensic Investigator, Ministère de l'Intérieur, France

HOW AXIOM HELPS

AXIOM helps with all of these challenges, easily recovering unknown artifacts, or those artifacts that are typically difficult to find from otherwise unsupported mobile apps. However, AXIOM's newer support for passcode bypass on a variety of locked mobile devices—through the use of recovery images for Samsung and Motorola phones, and of download mode in some LG, MediaTek (MTK), and Qualcomm phones—has proven most valuable to Ministère de l'Intérieur examiners.



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

For more information call us at 1-844-638-7884
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