Raven: A Mobile Device Exploitation Kit in an extremely portable package

Raven is an innovative, highly portable mobile device exploitation toolset designed for operators in the field who need to quickly extract data and turn it into actionable intelligence. The assignment for developers was to take current exploitation technology and shrink the package. The result: Tremendous portability without severe limits on capability. And it’s ideal for discrete operations.

Built on top of the latest Android operating system as a collection of applications and compatible hardware, Raven allows a user to take advantage of a standard Android device’s capabilities and enhance them with advanced exploitation capabilities, simply by downloading all or selected Raven apps. All the while, without circumventing the security of the Android device.
Raven is a collection of applications (apps) that run on Android devices, including mobile phones, tablets, and personal computers. The Raven apps consist of: Raven; MobEX; SIMEX; FlashEX; and DronEX — plus the new Odin app to let you quickly view the extraction results, check hit lists and watch lists, find most recent location data, and more.

SIMEX was developed to enable the collection of SIM card data in a small user-defined package. Specifically built to take advantage of the Android operating system and devices, it provides unprecedented portability and stealth in a CELLEX tool.

SIMEX is a powerful SIM card data collector with an easy and intuitive user interface to make data collection a successful mission objective. SIMEX is designed to work with SIM, USIM, LTE, CSIM (RUIM), iDEN, and Satellite smart cards. Capable of being installed on phones and tablet platforms, SIMEX offers a truly portable and non-descript exploitation package. Even the hardware designed for use with SIMEX is the size and shape of the standard USB thumb drive.
Once you’ve extracted the data from a target device, Odin makes it fast and easy to view it, search it, run filters and much more. Every extraction from the Raven platform can be analyzed and searched in Odin. The Identity Profile Builder lets you quickly check contacts or identities in a target device against digital identity watchlists. Map drone flights captured in DronEX. Run a watchlist against your contacts from MobEX and SIMEX. Search for known hash values from FlashEX extractions. Odin puts “capability without compromise” in the palm of your hand.

DronEX provides unrivaled support for the exploitation of the most popular models of commercial drones. Extract data quickly and easily for tactical analysis of the flight logs for real time targeting. Determine home location, drone selectors, flight times and more.

Collecting media and flight logs is a simple click. The intuitive app design means that only minimal training is needed. No need to remove a circuit board or disassemble a drone for access to the internal storage.

Get write-protected data extraction from thumb drives, SD cards and Micro SD cards with FlashEX. All operations are controlled from your Android-based smart phone so it’s intuitive and easy to use. View the media for immediate analysis and compare against customizable watch lists.

The FlashEX unit is self-contained and provides its own power so it will not discharge the Android device during extraction, and its power supply will last for a full day of use under normal circumstances. With removable storage, you will never run out of space and can easily transfer any collected data in a nonproprietary format.

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Raven is available in selected regions. Please contact sales@msab.com to learn more.