

Dual-Boot Mobile Forensic Field Investigation Platform



MediaClone, Inc. has released a new generation of SuperImager Plus products — Mobile Forensic Field Imaging and Complete Mobile Forensic investigation platforms, running on Linux OS, with a dual boot option.

The advantage of the new units:

- Linux OS is less likely to be targeted by malware and viruses. It is also very efficient, has much less overhead when used with high data transfer rates, and performs better than any other OS.

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- The new Linux-based SuperImager Plus application utilizes and optimizes multiple CPU cores to achieve one of the most efficient operations, while performing at incredibly high speeds with E01/Ex01 compression. The application allows users to manually select and adjust the number of threads and the level of compression used during each session.
- Forensic data capture with Encase E01/Ex01 formats with full compression is a widely used operation in the forensic industry, and generally requires a trade-off between speed, space, and time of uncompressing by the EnCase application.
- Comparative tests show a 20 percent increase in speed when using the SuperImager Plus Linux-based application over the SuperImager Windows-based application. Tests were performed with the same hardware and the same hard disk drives (filled with 43 percent of random data), and the same level 1 of compression. The Linux-based application was set to use 16 compression threads.
- MediaClone units use Ubuntu and allow investigators to use the OS to run other Linux applications.

To allow investigators to use the SuperImager Plus field units as a complete mobile Forensic investigation platform, MediaClone provides an optional dual-boot feature, with Windows 7 as the second OS. With that feature enabled, after completing the computer forensic imaging, the investigator can reboot the unit to Windows and run third-party applications, such as computer Forensic Cellphone Data Extraction and Analysis, Forensic Triage data collections and full computer Forensic Analysis.

[For more information.](#) [1]

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[1] <http://www.media-clone.net/category-s/1850.htm?>