

# **The Investigator Newsletter**

## **Mobile Forensics**



With the growth of technology, almost everyone has a smartphone to communicate. Now more than ever, large amounts of data are stored in these devices.

That is why investing in mobile forensics will facilitate digital investigations and help you find the needed evidence.

## **About Us**

Since 2000, BCSI
Investigations Inc. has
performed thousands of
successful investigations.
Our integrated team of
investigators and support
services ensure that the
investigations are
conducted promptly with
leading-edge techniques.

With over 40 years of combined experience, BCSI Investigations Inc. is

#### What is Mobile Forensics?

Mobile Forensics is retrieving and recovering data from devices in a forensically sound way that will display results while maintaining integrity for the court. This involves performing a live or dead acquisition of a device such as a smartphone, tablet, or anything in-between. As the names suggest, a live acquisition involves gathering data while the device is still running, and a dead acquisition is when the device is offline. Depending on the case, an investigator might keep the device connected to the network and gather valuable cloud information using a tool such as Cellebrite. On the contrary, the more preferred method, a dead acquisition, will involve seizing the device, removing the battery, and disabling all sorts of connections using 'Airplane Mode' and Faraday bags for later examination. Having a device completely isolated from connections can be critical

the platinum standard for private investigations.

Contact us at 604-922-6572 or visit our website at <a href="https://www.picanada.ca">www.picanada.ca</a> to learn more.

Visit our Website

to prevent remote deletion of evidence.

### **Preparation is Key**

Every case is unique, so preparation is key to any case involving mobile forensics. Valuable data found on mobile devices includes call logs, messages, applications, geolocations, media files, and internet history. Additionally, some devices may contain recoverable deleted data. This will vary based on factors such as if the device has been restarted recently, cache storage, and overwritten files. It is critical that whichever process for acquisition is chosen, forensic standards and methodologies are maintained, or the evidence will ultimately be rendered useless.

BCSI is equipped with state-of-the-art digital intelligence forensic software, and our inhouse IT specialists are here to help. Contact BCSI Investigations Inc. to inquire more about mobile forensics and other services we provide.



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