

THE MONUMY SECURITY AWARENCE



Overview

Mobile devices, such as smartphones, smartwatches, and tablets, continue to advance and innovate at an astonishing rate. As a result, some people replace their mobile devices as often as every year. Unfortunately, too many people

Guest Editor

Heather Mahalik (@HeatherMahalik; +HMahalik) is a Principal Forensic Scientist leading the forensics effort for ManTech CARD. She is the course lead and co-author for the SANS Institute course Advanced Smartphone Forensics (FOR585) and instructor for Windows Forensic Analysis (FOR408). She blogs at smarterforensics.com.

Your Information

Mobile devices store far more sensitive data than you may realize, oftentimes more than even your computer. Typical information can include:

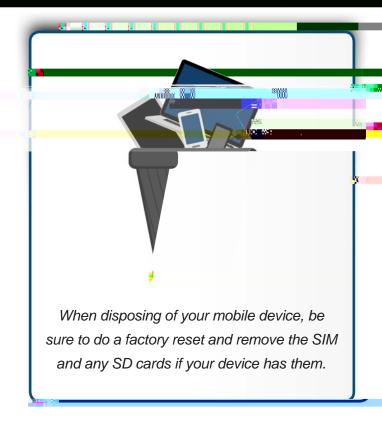
- Where you live, work, and places you frequently visit
- •
- Call history, including inbound, outbound, and missed calls
- SMS (texting), voice, and multimedia messages
- · Chat sessions within applications like secure chat, games, and social media
- Location history based on GPS coordinates or cell tower history
- Web browsing history, search history, cookies, and cached pages
- · Personal photos, videos, audio recordings, and emails
- Stored passwords and access to personal accounts, such as your online bank or email

•



Securely Disposing of Your Mobile Device

Wiping Your Device



The easiest way to securely wipe your device is use its "factory reset" function. This will return the device to the

&[}åiαi[}ĥiαh, æ•ĥi}h, @^}h^[ĭh, i•chà[ˇ*@chicth Y^h@æç^h-[ˇ}åhc@æch-æ&c[i^hl^•^ch,i]l[çiå^hc@^h { [•ch•^&ˇi^hæ}åh•i {]|^•che method for removing data from your mobile device. The factory reset function varies among devices; listed below are the steps for the two most popular devices:

- Apple iOS Devices: Settings | General | Reset | Erase All Content and Settings
- Android Devices: Settings | Privacy | Factory Data Reset

Unfortunately, removing personal data from Windows Phone devices is not as simple as a factory reset. More research is being conducted on methods to ensure your personal data is wiped from the device. If you still have questions about how to do a factory reset, check your owner's manual or manufacturer's website. Remember, simply deleting your personal data is not enough, as it can be easily recovered.

SIM & External Cards

In addition to the data stored on your device, you also need to consider what to do with your SIM (Subscriber Identity Module) card. A SIM card is what a mobile device uses to make a cellular or data connection. When you perform a factory reset on your device, the SIM card retains information about your account and is tied to you, the user. If you are keeping

