Elcomsoft iOS Forensic Toolkit Adds Acquisition Support for iOS 8 Devices, Extracts Apple ID and Password

Moscow, Russia – January 27, 2015 - ElcomSoft Co. Ltd. updates iOS Forensic Toolkit, adding physical acquisition support for all 32-bit iOS 8 devices. Physical acquisition support is now available for devices running Apple iOS 8 including iPhone 4S, 5 and 5C, iPad 2 through 4, the original iPad Mini, and iPod Touch 5th gen. Physical acquisition is only available for those iOS 8 devices for which the passcode is known or that have no passcode protection at all providing that a jailbreak can be installed. Devices protected with an unknown passcode can only be acquired if jailbroken. In addition, the new release extracts Apple ID and password (if available), enabling real-time acquisition of iCloud backups via a separate tool.

"iOS 8 adoption was slower than expected", says Vladimir Katalov, ElcomSoft CEO. "Two thirds of all compatible devices were already upgraded to iOS 8. By adding support for the latest iOS, we are delivering our customers the ability to access information exclusively available via physical acquisition."

According to Apple, by January 2015 some 68% of Apple customers have already upgraded to the latest iOS. Adding forensic support for devices running iOS 8 enables experts extracting information from jailbroken devices, and allows performing physical acquisition of devices carrying no passcode lock (providing that a jailbreak can be installed). A jailbreak is installed when acquiring unlocked but non-jailbroken iOS 8 devices.

Background

In today's connected world, mobile phones have evolved from pushbutton calling devices to highly sophisticated personal communication and entertainment hubs. Huge amounts of information are concentrated in these small devices including pictures and videos captured with the built-in camera, payment data, account information with logins and passwords, communication and browsing histories, chats and activities in social networks. The history of device's geolocation coordinates allows pinpointing the smartphone to the map at any recent point of time. All this information is highly valuable for investigating and preventing crime and terrorist activities.

ELCOMSOFT
PROACTIVE SOFTWARE

Physical Acquisition Benefits

ElcomSoft pioneered physical acquisition for encrypted iOS 4 devices. Physical acquisition allows investigators extracting more data than available via any other means. Some information stored in Apple's secure storage, the keychain, is only available via physical acquisition. This includes Web site and application passwords including the password to the user's Apple ID account. Knowing the user's Apple ID and password enables investigators to download information stored in the user's iCloud account by using Elcomsoft Phone Breaker, and allows tracking the users' geolocation coordinates in real-time by using Apple iCloud Find My Phone service. Email messages and attachments, log files and histories, as well as certain application data are also accessible exclusively via physical acquisition.

At this time, physical acquisition is only available for Apple's 32-bit hardware with known or empty passcode or carrying a jailbreak. 64-bit hardware including iPhone 5S, 6 and 6 Plus, as well as iPad Air, iPad Mini with Retina display are not currently supported regardless of jailbreak or lock status. ElcomSoft is working on supporting 64-bit devices, yet no definite release date is available at this time.

Compatibility

Windows and Mac OS X versions of Elcomsoft iOS Forensic Toolkit are available. Physical acquisition support for the various iOS devices varies depending on lock state, jailbreak state and the version of iOS installed.

- iPhone 4 and older; iPad 1; iPod Touch 1-4: no restrictions, all versions of iOS
- iPhone 4S, 5; iPad 2-4; iPod Touch 5: if already jailbroken, or if a jailbreak can be installed (iOS 6, 7 and 8, device unlocked, passcode is known or not used)

Support for iPhone 5S, iPad Air and iPad Mini with Retina is under development.

About Elcomsoft iOS Forensic Toolkit

Elcomsoft iOS Forensic Toolkit provides forensic access to encrypted information stored in popular Apple devices running iOS versions 3 to 8. By performing a physical acquisition analysis of the device itself, the Toolkit offers instant access to all protected information including SMS and email messages, call history, contacts and organizer data, Web browsing history, voicemail and email accounts and settings, stored logins and passwords, geolocation history, the original plain-text iTunes password and conversations carried over various social networks such as Facebook, as well as all application-specific data saved in the device. The tool can also perform logical acquisition of iOS devices.

About ElcomSoft Co. Ltd.

Founded in 1990, ElcomSoft Co.Ltd. is a global industry-acknowledged expert in computer and mobile forensics providing tools, training, and consulting services to law enforcement, forensics, financial and intelligence agencies. ElcomSoft pioneered and patented numerous cryptography techniques, setting and exceeding expectations by consistently breaking the industry's performance records. ElcomSoft is Microsoft Certrified Partner (Gold competency), and Intel Software Premier Elite Partner.