

Approved by Director: Dr. Guy Vallaro

A. Purpose:

The Computer Crimes Unit occasionally receives Apple™ devices that are locked. The IP Box may be used to recover passcodes from these devices so that further analysis can be performed.

B. Responsibility:

Forensic Examiners

C. Definitions/Abbreviations:

Refer to CC-SOP-26 - Definitions and Abbreviations.

D. Procedure:

1. For cases which include an Apple product (i.e. iPad, iPod Touch, iPhone), the examiner must first determine if the device is locked and data is inaccessible. If the device is not locked, proceed as routine phone analysis.
2. If that device is locked and an arrest has been made in a case, the examiner will contact Case Management and request that a Consumption Letter be sent to the States' Attorney.
 - a. Case Management will inform the examiner that the Consumption Letter has been sent.
 - b. Case Management will provide the examiner a copy of the consent to proceed with testing or notification of a hold on analysis. This information will be maintained in the case records.
 - c. Case Management will inform the examiner if the time has expired for the return of the Consumption Letter from the States' Attorney. The minimum time may be 30 days, but additional time may be necessary if indicated by the State's Attorney.
3. If the States' Attorney approves the use of the IP Box device, or the time period for the return of the Consumption letter has expired, the examiner should make every effort to ensure that the Apple product is protected from receiving an external signal. For example, using the Ramsey shielded Test Enclosure, or placed into airplane mode.

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4. Check iOS version of the device (iFunBox2014 or other applicable program) to ensure it is supported by the current IP Box firmware. Use the laptop in the IP Box workstation.
5. After connecting the Apple product to the IP Box device, start the process of recovering the passcode.
6. If the IP Box recovers the passcode and unlocks the Apple product, record the code and add it to the case notes.
7. Proceed with examination of the device per CC-SOP-18.
8. If the IP Box does not recover the passcode, issue a report indicating the inability to access the device.

E. Documentation:

1. IP-BOX: Breaking Simple Pass Codes on iOS Devices.