

Mobile Forensics, Inc.

Mobile Forensics 101 Workshop

Introduction to Mobile Forensics.

Location:

Date:



Mobile Forensics, Inc.

The LEADING non vendor training company in the United States

WHY train with anyone else?

Welcome to the first phase of Mobile Forensics Inc.'s cellular data extraction workshops.

Overview:

An introduction to the legal issues, service providers and current methodologies. Hands on instruction on data extraction from GSM, iDEN and CDMA handsets, using a multitude of software to include Paraben's Device Seizure, Susteen's Secure View, MobilEdit, Oxygen, Bitpim and many more! Students will learn the basics of the cellular network and will have a foundation in the history of cellular technology.

Class Schedule:

3 Day course which will cover the following material:

- Legal Considerations/ History of Mobiles
- Introduction to the cellular network
- Handsets and SIM cards
- Device Seizure/MobilEdit/Secure View/Oxygen/Bitpim
- Unlocking CDMA and GSM handsets
- Faraday Technology
- Manual Examinations
- Trouble Shooting
- Preparing data for reporting
- Call Detail Records
- Trial Preparation
- Practical and Written examination

***ALL students no matter the pricing schedule get to use ALL software/hardware in class*

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REGISTER NOW: <http://mobileforensicsinc.com/Courses.htm>

Day One

Provide a brief synopsis of mobile phone history.

- Define mobile phone terms.
- Describe how mobile phones work on a Cellular Network

Provide Legal Considerations with Cellular Evidence

- Physical Device
- Call Detail Records
- Case Law Review

Provide overview of Subscriber Identify Modules (SIM)

- Structure
- Evidence locations
- Forensic SIM Clone

Provide an overview of cellular phone handsets Handsets

- Data Storage
- Evidence locations
- Physical vs. Logical

Understand the importance of a Forensic Process

- Why a Process and not a Forensic Tool
- Why follow a process
- Rules of Data Extraction
- Isolation Techniques (Mesh/Bags and Forensic SIMs)

Day Two

Bitpim

- How to setup and install
- Using Offline
- Obtaining a filesystem
- Extraction of data
- Export and Import into DNCompiler
- Labs

MFI Forensic SIM Cloner

- Why create a Forensic SIM
- What happens if you do not.
- Create a Forensic SIM
- Labs

Paraben's Device Seizure

- How to setup and install
- Create Case/Sort/Compare and Find
- Physical vs. Logical
- Extraction of data
- Export and Reporting
- Labs

Additional Software

- General Overview and Hands on with:
 - Cellebrite
 - SmartMoto
 - Carrier RSS/iDEN Software
- Labs

Day Three

Susteen's Secure View For Forensics

- How to setup and install
- Setup a Folder/Cable Selection
- Extraction of data
- Mobile Secure View Exposure
- Labs

Compelson's MOBILedit

- Setup and install
- Comports and Phones
- Extraction of data
- Export and Reporting of data
- Labs

Manual Documentation

- Discuss reasoning
- Options
 - Project A Phone
 - ZRT
- Screenshots

Case Preparation

- Putting multiple software reports together
- What should be included in our report
- DNCompiler Overview

Practical/Presentation

- Mock Trial
- Practical Examination of GSM/CDMA device
- Written Examination