

Cellebrite UFED Product Training

cmdLabs >
A Newberry Group Company

Utilizing next-generation physical extraction and analysis capabilities, Cellebrite's Universal Forensic Extraction Device (UFED) delivers valuable information from mobile devices – even if data has been deleted or hidden by the user. These courses will help you master cellular technology with the UFED.

See next page for detailed course descriptions.

REGISTRATION

To register, contact us at:

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Why cmdLabs?

We are highly experienced technical trainers. We have developed and delivered digital forensic and incident response courses for organizations such as SANS, the Defense Cyber Investigations Training Academy (DCITA), the Department of State, Johns Hopkins and George Washington University. We have taught thousands of professionals, and published numerous books, textbooks, manuals, and research articles. The combination of our extensive history in the IT and cyber security arena, along with our industry-leading training expertise, allows us to build and deliver high impact courses that translate directly into real world skills.



Cellebrite UFED In Your Industry

LAW ENFORCEMENT

Data retrieved from cell phones is not only paramount to the investigative process, it is becoming key prosecutorial evidence in many cases. Law enforcement can leverage this valuable resource of information with Cellebrite's UFED System. Easy to use both in the field and in lab environments, UFED extracts vital data such as phonebook, pictures, videos, text messages, call logs, ESN and IMEI information, for immediate use. It then gathers the data into reports for research and evidence, which can be used in the courtroom.

MILITARY FORCES

Military organizations are tasked with providing actionable intelligence to Commanders and warfighters. Cellebrite's UFED enables military units to collect mission-critical mobile phone data in real-time and gives the ability to act immediately.

INTELLIGENCE AGENCIES

Cellebrite's UFED provides the capabilities to dive deeper into a mobile phone's memory than ever before, and allows intelligence agencies to quickly gather data and establish connections between networks and people. It helps widen their view and form a complete picture with access to content that can be repurposed, analyzed, and linked to information existing in databases.

COMMERCIAL

Cellebrite's talented engineers and programmers have developed proven solutions to transfer, backup and synchronize mobile devices wherever needed. The UFED tool allows an enterprise to protect their data from loss and simplifies the secure migration to new mobile devices or smartphones, regardless of the brand, with assurance there will be no data loss.

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UFED Logical Certification Course

This hands-on course is 1 to 2 days, depending on client tailoring, and will provide you with the knowledge and ability to extract and examine information from mobile devices using UFED Logical. This course covers the proper forensic handling of mobile devices, operating the UFED to extract digital evidence from phones and SIM cards, and examining the resulting information. In addition, you will learn how to use Cellebrite's Report Manager to search for specific information and generate reports.

After this course you will be able to:

- Handle mobile devices in a forensically sound manner;
- Obtain lock codes from mobile devices;
- Acquire data from mobile devices, including phone book entries, call logs, SMS text messages, photos, images and videos;
- Obtain information from SIM cards, including phone book, last dialed numbers and SMS text messages;
- Create a safety SIM when needed to assist with a forensic examination of a mobile device;
- Utilize Cellebrite's Report Manager to save, print and examine data extracted from mobile devices, including Geotags;
- Delve into the file system acquired from a mobile device to obtain information that is not readily accessible by other means.

This training will combine lecture, instructor led discussion and hands-on exercises for each course module.

Upon successful completion of the course and course exam, you will receive the nationally recognized UFED Logical certification and a copy of all instructional materials.

Audience: This course is intended for individuals who will be working with the UFED Logical device. No prior knowledge of UFED is required.

UFED Physical Pro Certification Course

This 2-day hands-on course will provide you with the knowledge and ability required to extract and examine information from mobile devices using UFED Physical Pro. This course covers the properties of Flash memory and their forensic implications, the forensic acquisition of full contents of Flash memory, and the examination of the resulting data including deleted items. You will also learn how to use Cellebrite's Physical Analyzer software to examine physical memory dumps acquired from mobile devices, search for specific information, and generate reports.

After this course you will be able to:

- Implement various methods to extract the full physical contents of Flash memory from mobile devices, including techniques for bypassing and recovering lock codes;
- Recover data that is not available in logical acquisitions of mobile devices, including deleted items;
- Navigate through physical memory dumps acquired from mobile devices and perform basic searches for specific information using Cellebrite's Physical Analyzer software;
- Construct customized keyword searches using various data formats to recover information of interest in an investigation;
- Generate reports of key findings, including geotags, GPS and visualization in Google Earth.

This training will combine lecture, instructor led discussion and hands-on exercises for each course module.

Upon successful completion of the course and course exam you will receive the nationally recognized UFED Physical Pro certification and a copy of all instructional materials.

Audience: This course is intended for individuals who are familiar with UFED Logical device functionality, but are not familiar with the UFED Physical Pro device.

UFED Logical/Physical Pro Combination Certification Course

This 3-day course combines the training covered in both the Logical and Physical Pro courses. Please contact us for more information.

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