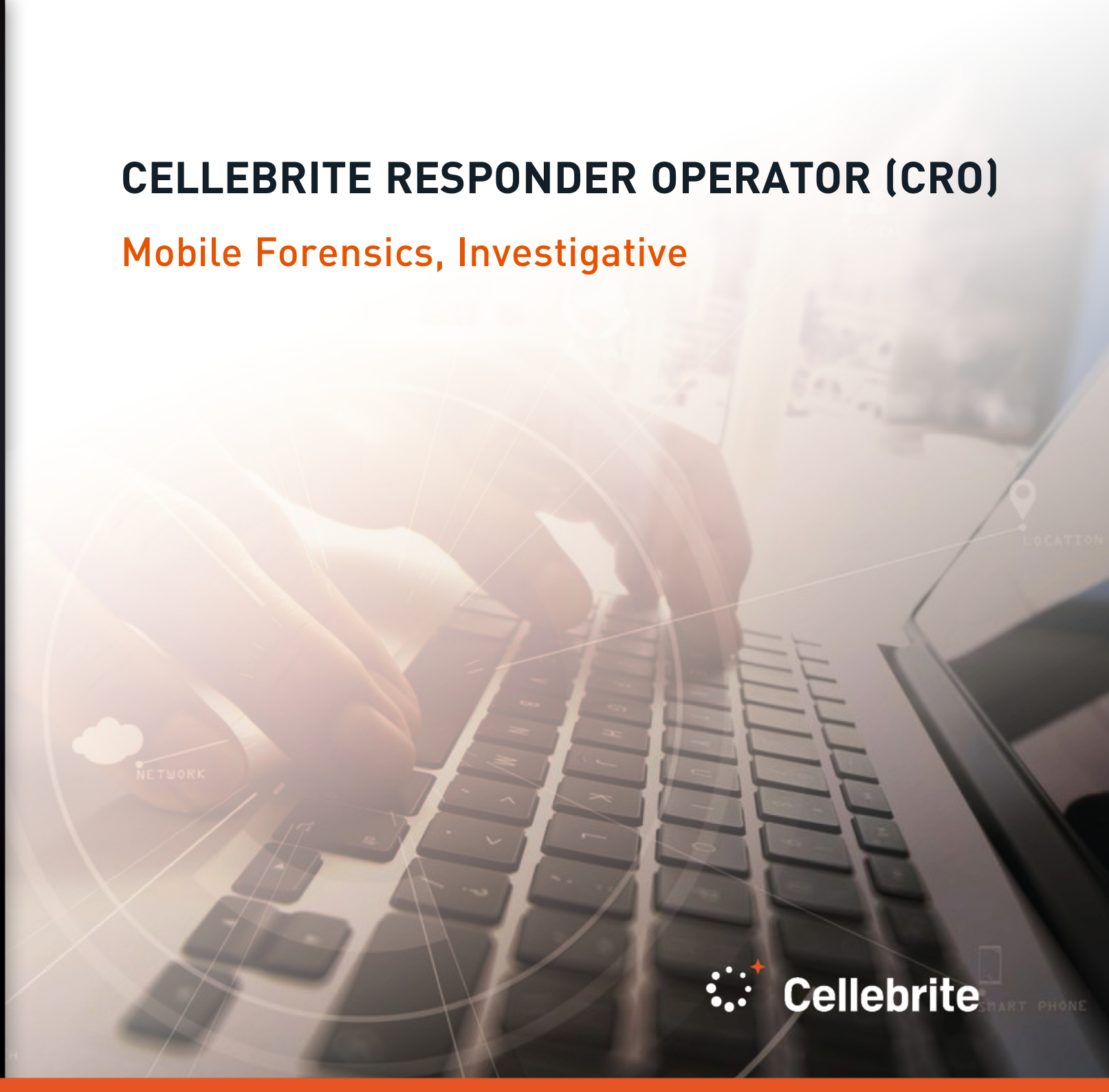
CELLEBRITE RESPONDER OPERATOR (CRO)

Mobile Forensics, Investigative



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Level

Entry/Beginner

Length

One-Day (7 hours)

Training Track

Mobile Forensics Investigative

Delivery Mode

Instructor-Led
Web-Based
Live Online

Course Description

Cellebrite Responder Operator (CRO) is a one (1) day entry level course designed for the entry level, non-technical Cellebrite Responder Kiosk, or software user. The CRO course includes lessons and practical exercises necessary to explain the fundamentals of mobile device investigations, extraction of user data, and the previewing of extracted mobile device data using the Cellebrite Responder Kiosk. Participants in the course perform extractions to collect data from mobile devices, SIM cards, and mass storage media. Additionally, learner's complete proper documentation steps, the generation of automated reports, and the creation of custom reports.

Mobile Forensics, Investigative

Cellebrite aims to support learners in the pursuit of excellence in Digital Intelligence specialty areas without the need to commit to any degree program. Cellebrite's Academic & Learning Tracks provide guided training programs and continuous skill set development to achieve various levels of educational or professional goals.

By following a "learning track" or "training path" students can target personal, professional, and leadership skills in a Digital Intelligence career for law enforcement, military, intelligence, and private sector practitioners. Cellebrite's curriculum reflects its commitment to digital intelligence excellence by helping professionals around the world achieve a higher standard of competence and success. Below are general audiences and focus areas relative to this course.

- Corporate Investigators
- Administrators
- Intelligence Analysts
- Legal Professionals
- Criminal Investigators
- Crime Scene Investigators

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Note: The CRO course is not a component of Cellebrite's Forensic Core track and does not provide in-depth forensic training on the use of the Touch2, 4PC or Cellebrite Physical Analyzer.

CELLEBRITE RESPONDER SOLUTION OVERVIEW

In this module, you will obtain a baseline of how cellular devices operate and discuss possible artifacts of interest from an investigative point of view.

- Describe Responder as an all-in-one solution that provides field extractions
- Explain how results are presented in real time in a simple and intuitive user interface
- Understand the support features of Responder Kiosk
- Describe how selective extraction, quick copy, capture images, easy device detection and powerful report viewer function

INTRO TO MOBILE DEVICES

In this module, you will learn where data can be stored on a mobile device. You will also be introduced to the Cellebrite Responder and software, various types of extractions and some of the challenges encountered in mobile device examination.

- Understand how mobile device technology affects mobile forensics
- Review evidence types of mobile devices and
- Identify mobile devices based on physical characteristics and device functionality
- Discuss the main cellular technologies (CMDA & GSM) and their attributes
- Describe the primary mobile operating systems (iOS, Android)
- Explore wireless network technology

FORENSIC HANDLING OF MOBILE DEVICES

In this module, you will learn mobile device collection techniques for pertinent digital evidence recovery.

- Describe the phases of the examination process and the importance of proper documentation
- Understand the different extraction methods
- Describe the legal considerations of seizing and searching devices
- Understand the phases of the evidence handling process
- Review unlocking evidence techniques

KIOSK TOUR

In this module, you will take a tour of the Cellebrite Responder and introduced to its features. You will learn how to connect mobile devices and how to save your data.

- Discuss the Kiosk operating requirements and specifications
- Describe the Kiosk accessories
- Operate the UFED Camera using the Kiosk
- Explain the Responder home screen options"

EXTRACTION METHODS

In this module, you will be introduced to the Cellebrite extraction methodologies..

- Identify the main extraction types.
- Discuss the order of priority for the extraction of evidentiary data from digital devices.
- Explore the methods frequently employed to acquire data from mobile devices.
- Understand basic and advanced extraction techniques.
- Identify the differences between using a bootloader, ADB or recovery partition for a forensic extraction.
- Apply forensic techniques and best practices in the extraction of data from mobile devices."

SIM CARD EXTRACTION AND CLONING

In this module, you will be introduced to a SIM card data extraction. You will also learn how to create a safety SIM (network isolation card).

- Demonstrate how to extract data from a SIM card.
- Explain which data may be extracted from a SIM card.
- Describe the use of a SIM card clone.
- Demonstrate how to create a SIM card clone." .
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SD CARD EXTRACTIONS

In this module you will be introduced to Secure Digital (SD) data extraction using the Cellebrite Responder Kiosk.

- Describe data extractions from storage cards.
- Discuss the use of write blockers and card readers.
- Demonstrate how to extract data from SD Card media.
- Discuss the process of examining extracted data.
- Understand how to use Quick Copy."

DEVICE EXTRACTIONS

In this module, you will be introduced to mobile device data extraction using the Cellebrite Responder Kiosk. You will perform an extraction and use the Responder camera.

- Demonstrate how to identify mobile devices.
- Explain the necessary device configuration changes.
- Explain the necessary device configuration changes.
- Discuss methods for extracting data.
- Demonstrate how to extract data from a mobile device.

VIEWING EXTRACTION DATA

In this module you will learn how to view the extracted data on the Responder Kiosk. You will also learn how to use filters, watch lists and tag (bookmark) items of interest. You will be introduced to reports and how to save data including reports and extracted data.

- Demonstrate how to examine extracted data.
- Identify different report types.
- Discuss how to filter and tag data.
- Generate different reports based on extracted data.
- Demonstrate how to save reports and extracted data.

Get skilled. Get certified.

"Every day around the world, digital data is impacting investigations. Making it intelligent and actionable is what Cellebrite does best.The Cellebrite Academy reflects our commitment to digital forensics excellence; training forensics examiners, analysts, investigators and prosecutors around the world to achieve a higher standard of professional competency and success."

Learn more at: cellebritelearningcenter.com

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