



## GLOBAL FORENSIC TRAINING

### Cellebrite Social Network Investigation (CSNI)



#### COURSE DESCRIPTION



**Level**

Intermediate

**Length**

4 days

**Delivery Mode**

Instructor Led  
Training

The Cellebrite Social Network Investigations (CSNI) course is a 4-day program designed for technically savvy investigators, digital evidence analysts and forensic practitioners. This course provides students with an introduction to social media investigations to include pre-seizure actions and basic investigative techniques. Students will learn how to create undercover accounts and use open source intelligence to gather information from publicly available information from social networks such as Facebook, Twitter, Periscope, and more.

Using real life application and comprehensive instruction on legal processes (subpoenas, orders, warrants), students will learn how to identify and contact suspects. To complete the workflow, students will learn how to properly seize devices for extraction and how to work with the data that is returned from forensic examinations. Students will also learn methods to de-conflict their cases from other law enforcement officers. As course progresses, students will be exposed to tools and techniques to collect social media evidence from devices and cloud data sources (UFED Touch and Cloud Analyzer). Students will earn a CSNI certificate documenting successful completion of a knowledge exam with a score of 80% or better.



# Cellebrite Social Network Investigation (CSNI)

## Course Objectives:

- Identify social media platforms
- Preserve social media evidence
- Create and operate undercover accounts
- Locate open source intelligence
- Identify difference levels of user data
- Draft subpoenas, orders, and search warrants

Module and Estimated Time	Description and Objectives
<b>Introduction</b> 50 minutes (1 hour)	<ul style="list-style-type: none"><li>• Course introduction and administration</li><li>• Course materials</li><li>• Instructor introductions</li><li>• Participant introductions</li><li>• Cellebrite overview</li></ul> <p>Instructors will also present an overview of Cellebrite and its solutions and product lines.</p>
<b>Social Media Basics</b> 150 minutes (3 hours)	<ul style="list-style-type: none"><li>• Definitions of social media</li><li>• Popular social media networks and applications</li><li>• Popular online ad services</li><li>• Usefulness of social media networks</li></ul>
<b>Undercover Accounts</b> 50 minutes (1 hours)	<ul style="list-style-type: none"><li>• Introduction into resources, and tools used for undercover social media investigations.</li><li>• Creating and properly documenting an undercover email address</li><li>• Guidelines for using undercover photos</li></ul>
<b>Undercover Smart Phone</b> 200 minutes (4 hours)	<ul style="list-style-type: none"><li>• Activating an undercover smart phone</li><li>• Loading prepaid minutes</li><li>• Integrating undercover accounts</li><li>• Downloading social media network applications</li></ul>
<b>Avoiding Entrapment</b> 50 minutes (1 hours)	<ul style="list-style-type: none"><li>• Definitions of entrapment and predisposition</li><li>• Identifying ongoing patterns of conduct</li><li>• Proper undercover pace and tone</li><li>• Examples of entrapment</li></ul>



# Cellebrite Social Network Investigation (CSNI)

Module and Estimated Time	Description and Objectives
<b>Undercover Device Evidence (UFED-Cloud Analyzer Component)</b> 150 minutes (3 hours)	<ul style="list-style-type: none"><li>• Necessity of proper evidence extraction</li><li>• Identifying evidence unique to the device</li><li>• Identifying evidence that may exist on offsite servers</li><li>• Benefits of using Cloud Analyzer to supplement a device extraction</li></ul>
<b>Open Source Intelligence</b> 150 minutes (3 hours)	<ul style="list-style-type: none"><li>• Manual web based searches</li><li>• Third party search engines</li><li>• Email and Cellular queries</li><li>• Darkweb and TOR</li></ul>
<b>Consensual Account Reviews</b> 100 minutes (2 hours)	<ul style="list-style-type: none"><li>• Necessity of proper evidence extraction</li><li>• Identifying evidence unique to the device vs server</li><li>• UFED overview</li><li>• Benefits of using Cloud Analyzer to supplement a device extraction</li></ul>
<b>Social Media Data &amp; Legal Process</b> 100 minutes (2 hours)	<ul style="list-style-type: none"><li>• The Electronic Communications Privacy Act (ECPA)</li><li>• Categories of stored data and provider retention rates</li><li>• User notification policies by Internet Service Providers (ISPs)</li><li>• Law Enforcement Portals and legal process submission</li></ul>
<b>Basic Subscriber Data</b> 100 minutes (2 hours)	<ul style="list-style-type: none"><li>• Definition of subscriber data</li><li>• Use and drafting of subpoenas</li><li>• Requirements and authority of subpoenas</li><li>• Practical exercise issuing a proper subpoena</li></ul>
<b>Content and Communications</b> 100 minutes (2 hours)	<ul style="list-style-type: none"><li>• Definition of content and communications</li><li>• Use and drafting of social network or cloud search warrants</li><li>• Requirements and authority of search warrants</li><li>• Examples of assorted social network and cloud search warrants</li></ul>
<b>Investigations Involving Exigency &amp; Children</b> 100 minutes (2 hours)	<ul style="list-style-type: none"><li>• Definition and examples of exigency</li><li>• Obtaining social media data under exigent circumstances</li><li>• The National Center for Missing and Exploited Children</li><li>• Resources for intelligence and analytical assistance during emergencies</li></ul>



# Cellebrite Social Network Investigation (CSNI)

Module and Estimated Time	Description and Objectives
<p><b>Final Exam/Practical</b> 60 minutes (1 hour)</p>	<p>The CSNI examination is a timed examination consisting of 25 randomly selected knowledge questions related to:</p> <ul style="list-style-type: none"><li>• Identify social media platforms</li><li>• Preserve social media evidence</li><li>• Create and operate undercover accounts</li><li>• Locate open source intelligence</li><li>• Identify difference levels of user data</li><li>• Draft subpoenas, orders, and search warrants</li></ul>

To learn more, visit  
[www.cellebritelearningcenter.com](http://www.cellebritelearningcenter.com)

THE MATERIALS AND TOPICS PROVIDED HEREIN ARE PROVIDED ON AN "AS IS" AND "AS AVAILABLE" BASIS WITHOUT ANY WARRANTIES OF ANY KIND INCLUDING, BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR GUARANTIES AS TO ITS ACCURACY OR COMPLETENESS. PLEASE NOTE THAT SOME MATERIALS, TOPICS AND ITEMS PROVIDED HEREIN ARE SUBJECT TO CHANGES. CELLEBRITE MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, FOR REGISTERED TRADEMARKS OF CELLEBRITE IN THE UNITED STATES AND/OR OTHER COUNTRIES. OTHER TRADEMARKS REFERENCED ARE PROPERTY OF THEIR RESPECTIVE OWNERS. APPLICABLE LAW MAY NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.