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The Digital Intelligence Ecosystem

Agencies without a digital strategy need to rethink their investigative process.

Technology is an integral part of our daily lives. But criminals also exploit it to communicate, organize and commit crimes. Reliance on technology leaves behind “digital footprints” and a mountain of data that can contain incriminating evidence.

Cellebrite provides the tools, training, and support to implement an end-to-end Digital Intelligence strategy. Agencies can now access, manage and analyze forensically sound digital evidence, and effectively break down the silos across departments to close more cases.

**Access**

Extract data from the most devices, digital platforms, and applications – anytime, anywhere.

**Manage / Control**

Empower your entire organization with the relevant evidence in a secure and collaborative system.

**Analyze**

Create actionable intelligence from vast amounts of data.

**Digital Sources & Types**

- In the Field
- In the Station
- In the Lab

**Artificial Intelligence**

Field Solutions

Investigation Solutions

Digital Evidence Management

Management & Compliance Solutions

Data Storage & Integration

Agency Ecosystem

Investigators & Analysts

Prosecutors

Agency Management

Lab Practitioners
The industry standard for accessing mobile data

Complicated locks, encryption barriers, deleted and unknown content, and other data recovery obstacles can prevent critical evidence from coming to light. For investigations to include the fullest picture possible, forensic examiners need to extract data from the broadest range of digital devices, while maintaining the integrity of the data. Cellebrite UFED is the industry leading solution to unlock and extract data from devices.

- **Unlock devices with ease:** Bypass pattern, password or PIN locks and quickly overcome encryption challenges on popular Android and iOS devices.
- **Delve deep to extract more data:** Perform logical, file system and physical extractions to get the most data out of the digital devices.
- **Unsurpassed recovery methods:** Use exclusive bootloaders, automatic EDL capability, Smart ADB, and more.
- **Supporting the broadest range of devices:** Extract data from mobile phones, drones, SIM Cards, SD cards, GPS devices and more.

UFED is available on multiple platforms:

Cellebrite UFED can be deployed on a self-contained and portable hardware platform from Cellebrite (Touch 2/ Touch 2 Ruggedized/ Ruggedized laptop), to be used in the lab, a remote location or in the field. Alternatively, you can purchase the solution as software only and install it on a PC hardware of your choice (UFED 4PC).

- The **UFED Touch2** enables comprehensive extraction capabilities anywhere, whether in the lab, a remote location, or in the field. Extract data quickly and securely, eliminating any risk of cross-contaminating digital evidence. View call logs, images, videos and other key logical data directly from the UFED Touch2 or UFED Touch2 Ruggedized at the point of extraction for quick access to key evidence.
- The **UFED Ruggedized Panasonic Laptop** is loaded with UFED software and comes with digital forensic accessories. This portable kit comes in a purpose-built ruggedized case that can withstand elements like drops, shocks and extreme temperatures, ensuring a seamless workflow wherever the investigation takes you.

**Premium access to all iOS and high-end Android devices**

Locked devices and encryption barriers can result in extended investigation times, leading to additional costs and lower clearance rates.

Cellebrite Premium enables users to recover the passcode, unlock and perform a full file system extraction on Apple devices running the latest iOS versions. Users can also bypass locks and perform a physical extraction on many high-running Android devices.

**Key Benefits for iOS Data Extraction**

- Determine passcodes and perform unlocks for all Apple devices running the latest iOS version.
- When brute-force attempts are required to reveal the device passcode, shorten unlock times by creating case-specific custom dictionaries optimized for the exhibit.
- Perform a forensically sound full file system extraction:
  - Bypass iTunes backup encryption to extract all data possible.
  - Gain access to stored passwords and tokens from the Keychain.
  - Recover data from 3rd party applications including WhatsApp, Facebook, Telegram and many others.
  - Get emails and attachments.
- Perform AFU or BFU to access partial data when the device is locked.

**Key Benefits for Android Data Extraction**

- Bypass or determine locks on all flagship Samsung devices and select Android devices.
- Perform a forensically sound full file system or physical extraction:
  - Gain access to app data protected with additional passcodes via KNOX Secure Folder.
  - Extract unallocated data to maximize recovery of deleted items.
  - Recover data from 3rd party applications including WhatsApp, Facebook, Telegram and many others.
From encrypted data to actionable intelligence

Discover critical evidence and easily share findings across your investigative team with Cellebrite Physical Analyzer. This is the market-leading solution for decoding digital data from the broadest range of digital devices and applications.

With Cellebrite Physical Analyzer, users can:

• Access the widest range of applications, devices and file formats: Decoding support for more than 8000 applications.
• Retrieve deleted data: Carve unallocated space in a device’s memory to recover deleted data and media files.
• Dive deeper with advanced decoding: Reassemble device and application data into readable formats with SQLite Wizard, Python scripting and Hex highlighting.
• Unify data for a more comprehensive review: Consolidate a variety of device data sources and formats into a unified timeline view.
• View application data in its native format: Emulate any Android application using the Virtual Analyzer for a more intuitive view of the extracted data.
• Review public cloud data: Capture publicly available data from Instagram, Twitter and other cloud data sources.
• Examine content in over 40 languages: Get on-demand translation support to perform fast analysis of non-native textual content, maintaining the source language alongside the translation.
• Create easy-to-read reports: Navigate and tailor reports to specific requirements using the Cellebrite Reader. This complimentary tool can be used by each team member.
• Streamline workflow: Ingest data extractions from UFED and other extraction tools. Streamline data into UFED Cloud or Cellebrite Pathfinder. Users can also export data into an eDiscovery solution.

Getting real-time data for faster response

Cellebrite Responder empowers investigative teams to securely extract data from the widest range of devices at specific locations or on the go.

Whether deployed in-car on a ruggedized device, in a police station, at a border control checkpoint or correction facility via a Kiosk, this intuitive solution requires minimal training and captures only the most relevant information while maintaining data integrity.

Cellebrite Responder is a key component in Cellebrite’s range of Field Solutions, that empowers users to perform selective to full physical data extraction, when minutes matter.

Using Cellebrite Responder, users can:

• Generate leads and uncover actionable insights in real-time.
• Select and extract only the relevant data needed based on time range or information on a specific subject (person, email, phone).
• Only copy specific evidence from witnesses and/or victims’ phones.
• Seamlessly integrates with in-car, tablet or kiosk environments.

Cellebrite Responder is available on a Kiosk platform, laptop or as a software only solution to be installed on a hardware of your choice.
Collecting with confidence on the frontline

Cellebrite Frontliner provides field officers a consent-based data collection solution that is simple to use and maintains data integrity.

In a simple to operate mobile application format, Cellebrite Frontliner empowers field officers to capture digital data and begin the reporting process while at the scene.

As part of Cellebrite’s Field solutions, the Cellebrite Frontliner application enables users to quickly collect and review digital evidence in a forensically sound manner to accelerate the flow of information to the investigative team.

• Witnesses and victims can share key evidence from their devices using a wireless, non-intrusive format.

• Record audio of witness testimony, take pictures or videos, and automatically tag them with meta data that includes location details, time stamps and hash values – all admissible in court.

• Gather all information into a single case.

• Password protect captured data.

• Share HTML or UFDR™ forensic reports with the wider team in real-time from the scene.

Unlock cloud-based evidence to solve the case sooner

Cellebrite UFED Cloud provides a forensically-sound automated process to access the cloud-based details you need to discover relevant evidence and find new investigative paths within pre-approved legal boundaries. This solution allows you to extract, preserve and analyze public domain and private social media data, instant messaging, file storage, web pages and other cloud-based content. Easily search, filter and sort data to quickly identify suspects, victims, locations and more.

• **40+ cloud data sources:** Gather legally pre-approved private user data from the most popular social media and cloud-based sources.

• **Capture and review public domain data:** Capture forensically sound data using a quick and automated process.

• **Get more data with the Web Crawler:** Collect and hash digital evidence from HTML-based web pages in minutes using the web crawler feature.

• **Track online behavior:** Review a suspect’s search history, gather geo-location data, google activities, digital profiles and more.

• **Consolidate multiple file formats:** Normalize and sort data from a variety of sources and formats for easier review within the timeline.

• **Generate reports:** Generate easy-to-read PDFs for entire data sets or filtered information.

Cellebrite UFED Cloud is available as a software-only, or as an add-on license to Cellebrite Physical Analyzer.
Cellebrite Computer Access & Analysis Solutions

Access and analyze the most computer data to accelerate investigations

Computer Access

MacQuisition® is the first and only solution to create physical decrypted images of Apple’s latest Mac computers utilizing the Apple T2 chip. This is the only solution that works with the chip to decrypt the filesystem at collection time, empowering examiners to capture the entire physical blocks that hold vital information and not just logical files. In cases where multiple machines and devices are involved, MacQuisition® provides the option to browse and search through data, and preview file contents before any data is collected or devices are imaged.

MacQuisition® 2019 R1.2 is officially supported on macOS 10.11 (El Capitan), 10.12 (Sierra), 10.13 (High Sierra), and 10.14 (Mojave) systems, although 10.10 (Yosemite) and lower may potentially work. MacQuisition® also boots into a forensically sound environment directly from the dongle.

Computer Analysis

This market leading solution for the quick and comprehensive analysis of computer extractions, helps forensics examiners and analysts shed light and gain insights from a user’s activity. Easily search, filter and sift through large computer data sets including internet history, downloads, recent searches top sites, locations, media, messages, and more.

Capture, analyze and report on all video evidence

Evidence gleaned from videos is now being used to help solve 80% of crimes being investigated. Keeping up with the thousands of DVR systems and reviewing evidence from DVR proprietary formats, can be a time-consuming and often frustrating challenge for investigators.

Cellebrite has teamed with market-leading partners, DME Forensics and iNPUT_ACE, to help you effectively manage your video evidence needs.

Cellebrite Seeker, is a secure and integrated solution that assists investigators looking to analyze video footage and overlay with mobile device data. Users can capture, analyze and report all video evidence while incorporating the findings into a case timeline that can be easily viewed and digested.

Video Access
- Bypass DVR passwords and locked systems
- Recover stored and deleted video files
- Access video from non-working DVRs
- Eliminate the need for proprietary, unnamed video players

Video Analysis
- Correlate images from different angles and video reconstructed scenes
- Review and annotate footage sections
- Enhance and tag video images
- Overlay with case data set
- Determine incident timeline
MANAGE & CONTROL THE DATA

Commanding the authority of tools and processes

With digital evidence linked to almost every investigation, agencies are expanding their data access and analysis capabilities both in the lab and in the field.

With Cellebrite Commander, simplify how you manage and control all deployed devices and systems; easily pull all of your data and device management capabilities into a central dashboard that’s easy for team members to use.

Cellebrite Commander enables users to:

- **Manage From a Single Point:** Simplify device and system management and reduce administration costs by remotely distributing and installing software updates and configuration modifications.
- **Create End-to-End Visibility:** Ensure agency policies and user permissions are up to date by centrally controlling usage, both at the user and system level.
- **Optimize Device Usage:** Full auditing capabilities allow you to automatically collect usage statistics to identify operational efficiencies and better utilize your digital forensics devices and systems.

Safeguarding the chain of digital evidence

Digital evidence is a critical component to many modern-day investigations. But, as valuable as this information is to solving cases, and keeping communities safe, digital investigations can be a siloed process. Without a correlated case repository that hosts all evidence for single or multiple cases, digital evidence risks getting lost or being overlooked.

Cellebrite Guardian unifies all case data in one central repository and standardizes the investigative process. At the same time, it maintains compliance for legislation and regulatory requirements around data handling and due process.

- Effectively manage case data, exhibits and forensic results.
- Gain real-time visibility on cases status and DFL workload.
- Collaborate better with other agency stakeholders.
- Control and measure SLA performances.
- Manage details of quality assurance and maintain compliance.
Find the path to insight through the mountains of data

Cellebrite Pathfinder eliminates the time-consuming and manual review of digital data. It is a force multiplier that uses Artificial Intelligence (AI) and machine learning algorithms to automatically identify patterns, reveal connections and uncover leads with greater speed and accuracy.

As a single source of truth for analysts, investigators, and prosecutors, Cellebrite Pathfinder identifies patterns, reveals connections and uncovers leads with greater speed and accuracy.

- **Identify people, not numbers**: Aggregate multiple, sometimes contradicting, identifiers across multiple data sources into suspect personas is key to mapping the suspect journey.

- **Jump start your investigation**: Surface insights from seemingly unrelated events, locations and relationships to help investigators know what to focus on.

- **Customize media categories in minutes**: Industry first AI-based custom image categorization empowers you to keep up with ever changing digital evidence.

- **Cutting edge textual analysis** takes the edge off searching through conversations.

Amplify findings and share information across departments

Cellebrite Reader is a free, executable application, that allows examiners or investigators to easily create and share dynamic reports. It provides a simple, intuitive way to collaborate with the team outside the lab who may not have access to Cellebrite’s solutions.

Cellebrite Reader enables users to easily filter and sort data quickly to identify suspects, victims, locations and more.

- Conduct a basic analysis of the report’s results without purchasing additional software.

- Dig deep into the data using advanced analysis functionalities, such as advanced search, filtering, timeline and tags.

- Customize and generate reports in multiple formats.
ADD-ONS & ACCESSORIES

Complete your digital forensic toolbox. Be ready for anything.

Our add-ons and accessories are designed to work seamlessly with Cellebrite UFED products, giving you reliable access to the digital intelligence that can advance the case and protect our communities.

- **TIPS AND CABLES SET WITH ORGANIZER**
  - Extract and charge using the UFED cable set and compact tip connectors with master cables.

- **UFED MEMORY CARD READER WITH WRITE BLOCK**
  - Access read-only or read-write formatting with this multi-format card reader.

- **MULTI SIM ADAPTER**
  - Clone and extract using this universal adapter for NanoSIM, MicroSIM and SIM cards.

- **UFED DEVICE ADAPTER**
  - Extract data from source devices including SIM card, USB and RJ45 using your PC’s USB port.

- **PHONE POWER-UP CABLE**
  - Recharge a mobile device via UFED during long extractions, or when extracting from devices with a drained battery, no battery or no charger.

- **UFED CHINEX**
  - Field-ready add-on for the UFED Ultimate license. End-to-end solution for extracting data and user locks from phones with Chinese chipsets.

- **CASES**
  - Protect your UFED device, supporting peripherals and accessories with ruggedized and standard cases.

- **UFED CAMERA**
  - Evidence collection add-on to capture images of the data, device, or screenshots from the device, even when data can’t be extracted.

- **FARADAY BAG**
  - Isolate the mobile device from any external network signals.

- **CAR POWER ADAPTER WITH PHONE POWER-UP CABLE**
  - Charge your UFED device in a vehicle.
CELLEBRITE ADVANCED SERVICES (CAS)

Comprehensive services to access inaccessible data to solve the toughest digital forensic challenges

Mobile providers continue to invest heavily in data protection and securing their operating systems by implementing stronger encryption mechanisms and complex locks. With Cellebrite Advanced Services (CAS), our sole focus is to provide law enforcement agencies with the ‘best-in-class’ service to overcome these complexities amongst market-leading iOS and Android devices. Using cutting-edge, forensically sound methods, taken directly from the Cellebrite Security Research Labs, we provide leading innovations and support to help you advance your investigations.

Advanced Unlocking Services

Determine or disable the Pin/Pattern/Password screen lock or passcode on the latest Apple iOS and Google Android devices.

Advanced Extraction

Cellebrite makes the world’s only decrypted physical extraction capability possible for leading Apple iOS and Google Android devices. These capabilities enable forensic practitioners to retrieve the full file system without needing to jailbreak or root the device.

Case Assist

Offload routine cases and ease backlogs by letting our experts extract and decode the data for you. Submit devices supported by UFED and receive a USB drive with the data.

Located in a Lab Near You

Located in ten forensic labs around the world, our team of digital forensic experts bypass the toughest locks on the latest Android and iOS devices, provide insights and guidance with major cases, and assist in solving the most complex operational, technical and procedural forensic challenges.

CELLEBRITE TRAINING ACADEMY

Enhance your forensic skills with best-in-class practices and leading-edge techniques

Designed to meet the unique needs of users within the investigative process, our industry-leading online and instructor-led certification training programs deliver the best-in-class tools, knowledge and practices required for evidence collection from mobile devices, data analysis, searching, and reporting. Upon completion of a course, each participant will receive a certificate and eligibility to move to the next stage in the curriculum.

For the full list of training courses please refer to the Training catalog.

Learn more at: cellebritelearningcenter.com
Cellebrite is the global leader of Digital Intelligence solutions for the law enforcement, government and enterprise organizations. Cellebrite delivers an extensive suite of innovative software solutions, analytic tools, and training designed to accelerate digital investigations and address the growing complexity of handling crime and security challenges in the digital era. Trusted by thousands of leading agencies and companies in more than 150 countries, Cellebrite is helping fulfill the joint mission of creating a safer world.