

PROJECT #62 – Shared Purchase of Cellebrite Digital Forensic Package

Background: Technology to digitally extract data from cellphones is vital to CCSO.

Justification: Current capability is lacking, and opportunity for shared costs helps.

Cost: \$21,900 annually (B-Budget), w/ one time cost of \$4,750

Fiscal Year: FY 2024 (ongoing)

Appendices: Yes – Proposed MOU and Cellebrite Quote

Request to participate in shared cost for Cellebrite Digital Forensic Package.

Background

Cellebrite is the leader in digital intelligence and investigative analytics. The company partners with public and private organizations to transform how they collect, review, analyze and manage data in investigations to protect and save lives, accelerate justice and ensure data security. Cellebrite is used by over 6,700 public safety agencies (Federal, State and Local) and has been used in over 5 million cases across the world. Cellebrite is governed by an agencies' standard operating procedures (SOPs) and provides features such as selective extraction, hashing, hardware usage data, permission access to data and an audit trail identifying how and when digital data is used.

Canyon County Sheriff's Office currently uses Cellebrite's Universal Forensics Extraction Device (UFED). UFED was provided to CCSO by the Secret Service, under a three (3) year grant. CCSO sent a Detective to a ten (10) week certification course to become a certified in this program, also paid by the Secret Service. This program is the most basic program Cellebrite has to offer and comes with limitations. Like, this program cannot access cell phone data when the phone is locked by a pattern or passcode. This requires CCSO to have to rely on other agencies to use their programs to extract the crucial evidence contained in the phones. While, our current partnership has been sufficient, those agencies pay for a premium service and are only allotted a certain amount of "Unlocks". This can be problematic, as the needs of those agencies comes before our needs. Our current license will expire in March of 2025, and in order to continue with our in-house forensics, we would have to renew. Renewal is not covered by grant and the cost would be between \$3,000 and \$6,000 per year.

Justification

The Nampa Police Department is seeking to create the Treasure Valley Digital Forensics Task Force. In doing so, they wish to partner with CCSO, Caldwell PD and the Canyon County Prosecuting Attorneys' Office to share the cost of purchasing the necessary software and storage space. The Task Forces Purpose and Mission statement states the following: "In an increasingly digital forensic field, the need for effective digital forensics and gathering of electronic evidence is of paramount importance". The goal of the Task Force is to provide a productive framework and collaborative crimefighting environment in which the resources of its participants, (which includes funding, manpower and expertise) can be combined to effectively and efficiently make a significant impact on crimes involving electronic and digital evidence.

As stated above, CCSO currently uses the basic Cellebrite (UFED) program. CCSO began using the program in April 2022 and to date our detective has completed 48 forensic examinations, with 2 having to be sent to another agency to defeat the passcode. The number does not reflect the additional 20 or more phones our detective was not able to examine due to the limitations of the basic program. Of the 48 forensic examinations, eight (8) were completed at the request of other agencies and the types of crimes range from Homicides, Drug Offenses, Sex Offenses, Drug Overdoses, Death Investigations and Arson.

At the conclusion of our current license (2025), CCSO would need to upgrade our program to Cellebrite Premium, which has an annual cost of \$14,000.00 per year. The reasoning being, with the premium package, CCSO would be allotted 35 "Unlocks" per year, thus removing the need to rely on other agencies. There are other resources available who can provide this service, however, there can sometimes be a fee for service and turn around time to receive the critical evidence can be weeks or months, depending on the back log and priority of the case. The evidence contained on these electronic devices is often paramount the a rapidly evolving investigation and having to wait for weeks or months can be devastating to the investigation and the victims of these crimes. CCSO believes that this partnership will result in more cost-effective access to the necessary tools, which in turn will provide a higher probability of obtaining the electronic evidence needed to solve and prosecute crimes.

Cost

The cost of the Cellebrite "Pathfinder" artificial intelligence analyzation program is \$44,000 per year. This program reduces what can take hundreds of hours of manpower needed to complete the forensics examination and report down to mere hours. The Pathfinder program also can import other extractions stored in the database and create reports showing connections between phones, thus linking other suspects or criminal networks to crimes that investigators may have not otherwise known were involved. The cost of the Cellebrite "Guardian" cloud storage license is \$10,900 per year. This cost is a per license fee and reflects 1/4th of the total cost for all four (4) partnering agencies of \$43,600. Guardian is the cloud storage data base where the forensic examinations and reports are stored and access by investigators. This program maintains a chain of custody of who accesses the reports and allows this data to be shared across a vast network of law enforcement agencies in real time.

The cost of the Pathfinder server is a one-time cost of \$19,000. This server is necessary to house and operate the Pathfinder software and creates a redundant storage of all digital forensic evidence.

To purchase the entire package is \$54,900 per year plus the one-time purchase of the server for \$19,000 for a total startup cost of \$73,900.

Per agency cost:

If CCSO were to join this partnership the annual cost would be \$21,900.00 per year and a one-time server purchase of \$4,750 for a total startup cost of \$26,650.00. Break down below.

Pathfinder Software: \$44,000 per year /4 agencies = \$11,000 per year

Guardian Subscription: \$43,600 per year /4 agencies = \$10,900 per year

Pathfinder Server: \$19,000 one-time cost /4 agencies = \$4,750 plus shared shipping of \$21.25.

Time Frame

FY2024 (ongoing)

TEASURE VALLEY DIGITAL FORENSIC TASK FORCE (TVDF)

2023 Memorandum of Understanding

TVDF Initiative

Nampa Police Digital Forensic Unit

Parties to the Agreement and Background

Caldwell Police Department

Canyon County Prosecutors Office

Canyon County Sheriff's Office

Nampa Police Department

Purpose/Mission

In an increasingly digital forensic field, the need for effective digital forensics and gathering of electronic evidence is of paramount importance. However, the costs associated with software/hardware licenses to digital forensic programs, Cellebrite Pathfinder and Guardian software, are largely unaffordable for small law enforcement agencies. This is the digital evidence management, storage and analytic results of the extracted digital forensic evidence. The purpose of this MOU is to create one collective association or task force of law enforcement agencies and prosecutors' office ("Task Force") to provide a productive framework and collaborative crimefighting environment in which the resources of its participants (including funding, manpower and expertise) can be combined to effectively and efficiently make a significant impact on crimes involving electronic and digital evidence. While the Nampa Police Department ("NPD") leads this innovative effort, NPD believes that partnerships with other law enforcement agencies will result in more cost-effective access to the necessary tools necessary to provide a higher probability of obtaining the electronic evidence needed to fight crime. The (Name of Community) Police Department ("Agency") concurs with this assessment and desires to participate in the Task Force.

Responsibilities

I. NPD will:

Provide the space to house the server which will store the Pathfinder reports and data.

II. Agencies will:

- a. Participate in the Task force and timely pay the required licensing for both Cellebrite Pathfinder and Guardian. Exhibit A
- b. Agree to work together and co-operate in good faith with all members of the Task Force.
- c. Agree to share related case digital evidence with all participating agencies.
- d. Share initial cost of server. Exhibit A

Other Provisions

- I. At all times and under all circumstances under this MOU, all personnel shall remain under the sole command of each agency's respective supervisors and shall remain employees of their respective agencies.

- II. All agencies under this MOU shall operate within their own operating policy/procedure in respect to the usage of their equipment/software at their agency and shall be solely liable for all acts undertaken by their employees.

MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING by and between the law enforcement agencies of Canyon county, Caldwell Police Department, Canyon County Prosecuting Attorney office, Canyon County Sheriff's Office and the Nampa Police Department is entered into for the purpose of establishing a mutual cost sharing of mutual sharing of digital forensic evidence between all jurisdictions.

IN WITNESS WHEREOF, the respective parties hereby give their consent and do execute this Memorandum of Understanding by and through their authorized representative.

Caldwell Police Department

By: (Print) _____

Sign: _____

Title: _____

Date: _____

Canyon County Prosecuting Attorney

By: (Print) _____

Sign: _____

Title: _____

Date: _____

Canyon County Sheriff's Office

By:(Print)_____

Sign:_____

Title:_____

Date:_____

Nampa Police Department

By:(Print)_____

Sign:_____

Title:_____

Date:_____

Exhibit A:

Pathfinder subscription	\$44,000/year	\$11,000/agency per year on a 4-way share.
Guardian Subscription	\$54,500/year for 5 agencies	\$10,900/agency/year 5-way share.
	\$43,600/year for 4 agencies	\$10,900/agency/year 4-way share.
Pathfinder Sever	\$19,000-\$22,000/one time/agency	\$4,750-\$5,500/agency 4-way share.

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Digital intelligence
 for a safer world

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 Tax ID#: 22-3770059
 DUNS: 033095568
 CAGE: 4C9Q7
 Company Website:
<http://www.cellebrite.com>

Quote

Quote# Q-319995-1
 Date: Jun 06, 2023

Billing Information
 Treasure Valley Digital Forensics
 Task Force
 820 2nd St S
 Nampa, Idaho 83651
 United States
Contact: CAM COWDERY
Phone: 2084685756

Delivery Information
 CAM COWDERY
 820 2nd St S
 Nampa, ID 83651
 United States

Contact: CAM COWDERY
Phone: 2084685756

End Customer: Treasure Valley Digital Forensics Task Force

Customer ID	Good Through	Payment Terms	Currency	Sales Rep
SF-00203639	Jul 06, 2023	Net 30	USD	Joe McKinney

Product Code	Product Name	Qty	Start Date	End Date	Serial Number	Net Price/Unit	Net Price
B-ANY-05-001	Pathfinder Subscription Package	1	Jun 20, 2023	Jun 19, 2024		0.00	0.00
Number of users =Unlimited, Number of extractions =200							
S-UFD-17-044	Pathfinder Subscription	1	Jun 20, 2023	Jun 19, 2024		44,000.00	44,000.00
Number of users =Unlimited, Number of extractions =200							
A-PCA-00-001	Software license PC activation code	1				0.00	0.00
F-UFD-04-052	Dell T-440 Server	1				19,000.00	19,000.00
S-UFD-17-039	Guardian User Subscription	5	Jun 20, 2023	Jun 19, 2024		10,900.00	54,500.00

SubTotal	USD 117,500.00
Shipping & Handling	USD 85.00
Sales Tax	USD 0.00
Total	USD 117,585.00

Comments:
 Each agency will be responsible for the following subscription cost:

Pathfinder Subscription: \$11,000 Each
 Guardian User Subscription: \$13,625 Each

Each agency will be responsible for the one time hardware cost:

Dell T-440 Server: \$4,750 Each
 Shipping: \$21.25 Each

Terms and Conditions:

- This Quote/Proforma Invoice/Tax Invoice, together with the terms and conditions and license agreement listed below that are incorporated by reference to this Quote/Proforma Invoice (together, the "Agreement"), constitute an offer by Cellebrite. By signing this the Quote/Proforma Invoice, issuing a purchase order (or other ordering document) in connection with this the Quote/Proforma Invoice, or downloading and/or using the products identified in this the Quote/Proforma Invoice/Tax Invoice, the customer agrees to be bound by the terms of this Agreement. Any additional or different terms or conditions contained in any customer document, purchase order or other ordering document will not be binding upon Cellebrite unless expressly accepted in a document signed by a Cellebrite authorized signatory.
- **Freight Terms:** FCA (NJ)
- **Limited Warranty:** Hardware: 12 Months; Software: 60 days; Touch Screen: 30 days
- Quote is subjected regulatory approval.
- **EULA:** All Cellebrite Software is licensed subject to the end user license agreement available at <https://legal.cellebrite.com/End-User-License-Agreement.html>
- **General:** The following terms shall apply to any product <http://legal.cellebrite.com/us/index.html>
- **Advanced Services (CAS):** The following terms apply to Cellebrite Advanced Services <https://legal.cellebrite.com/CB-us-us/index.html>
- **Premium:** The following terms shall apply only to the following products: Cellebrite Premium: <http://legal.cellebrite.com/intl/PremiumUS.htm>
- **Pathfinder:** <https://legal.cellebrite.com/PF-Addendum.htm>
- **Training Services:** The following terms apply to Cellebrite Training Services: <http://legal.cellebrite.com/intl/Training.htm>
- **SaaS:** <https://legal.cellebrite.com/SaaS.htm>

In the event of any dispute as to which terms apply, Cellebrite shall have the right to reasonably determine which terms apply to a given purchase order.

*SALES TAX DISCLAIMER: Cellebrite Inc. is required to collect Sales and Use Tax for purchases made from the following certain U.S. States. Orders are accepted with the understanding that such taxes and charges shall be added, as required by law. Where applicable, Cellebrite Inc. will charge sales tax unless you have a valid sales tax exemption certificate on-file with Cellebrite Inc. Cellebrite Inc. will not refund tax amounts collected in the event a valid sales tax certificate is not provided. If you are exempt from sales tax, you must provide us with your sales tax exempt number and fax a copy of your sales tax exempt certificate to Cellebrite Inc.

Please include the following information on your PO for Cellebrite UFED purchase:

- Please include the ORIGINAL QUOTE NUMBER (For example - Q-XXXX) on your PO
- CONTACT NAME & NUMBER of individual purchasing and bill to address
- E-MAIL ADDRESS of END USER for monthly software update as this is critical for future functionality

I, the undersigned, hereby confirm that I am authorized to sign this Quote/Proforma Invoice on behalf the customer identified above , and I hereby approve that my signature is legally binding upon the customer identified above.

Customer Name: _____

Signature: _____ Effective Date: _____

Name (Print): _____ Title: _____

Please sign and email to Matt Van Nortwick at matt.vannortwick@cellebrite.com

NOW AVAILABLE: Cellebrite Premium packaged to fit varying agency needs. [Learn more](#)



Simplify & streamline your investigations to **accelerate time to evidence**

[Play Video](#)

I'm interested in using Cellebrite Guardian for:



Secure evidence
management



Streamlined workflow
management



Real-time evidence
sharing



Instant evidence
review

[Contact me](#)

[Contact me](#)

Resolve cases. **Faster.**

Cellebrite Guardian is a secure and scalable cloud-based solution for evidence sharing, review and management that simplifies & streamlines investigations, enabling you to accelerate time to actionable evidence – wherever you are.

Cellebrite Guardian can be used end-to-end across the whole investigative workflow or flexibly within your existing ecosystem, increasing case resolution and reducing backlogs, all while maintaining full compliance.

Compared to traditional methods¹, Guardian provides you with:

5.5x Faster Case Resolution

2hr Time to Evidence

47% More Cost-Effective

0 Evidence Lost

Explore how Guardian can accelerate your time to evidence and help you resolve cases faster by simplifying and streamlining your investigative workflow.

Select your role below:



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Prosecutor



Command Staff

[Discover more >](#)

¹ Research findings 2022, Cellebrite in co-operation with anonymous mid-sized US agency

Manage your evidence **centrally &
securely**

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Evidence code	Date	Source Location	Destination Location
VA 12000001	22-11-14 / 09:24:11	Evidence intake Area	Guardian Digital Storage
VA 12000002	22-11-08 / 15:26:54	Agency Submission	Guardian Digital Storage
VA 12000003	22-11-03 / 11:42:08	West Evidence Building A	Guardian Digital Storage
VA 12000004	22-11-03 / 06:16:38	Analyst's Custody	Guardian Digital Storage


Transaction Information

User: **GUCL Sunny**

Notes

ID Scan

Electronic Signature



Lab Printed Name: **Lab Examiner**

Agency Signature

Agency Printed Name

- [RECEIPT PDF](#)
- [EMAIL RECEIPT](#)
- [EMAIL RECEIPT TO INVESTIGATOR](#)
- [CONTINUE](#)

Centralized, customizable investigation & evidence management, from submission to reporting, generating an unbreakable chain of custody

Share evidence in **real-time**






Contact me 

INCIDENT / CLBT202210001

 **SHARE**

Deliverable Files (4)

WARNING! Suspected CSAM

 File Name iPhone5_a1429_multi... Created 2022-10-13 08:13:47 REVIEW	 File Name iPhone5_a1429_multi... Created 2022-10-13 08:13:47 
 File Name Samsung GSM_GT-i91... Created 2022-10-13 08:35:26 REVIEW	 File Name Beth_2022-03-15_Rep... Created 2022-10-13 15:48:33 REVIEW

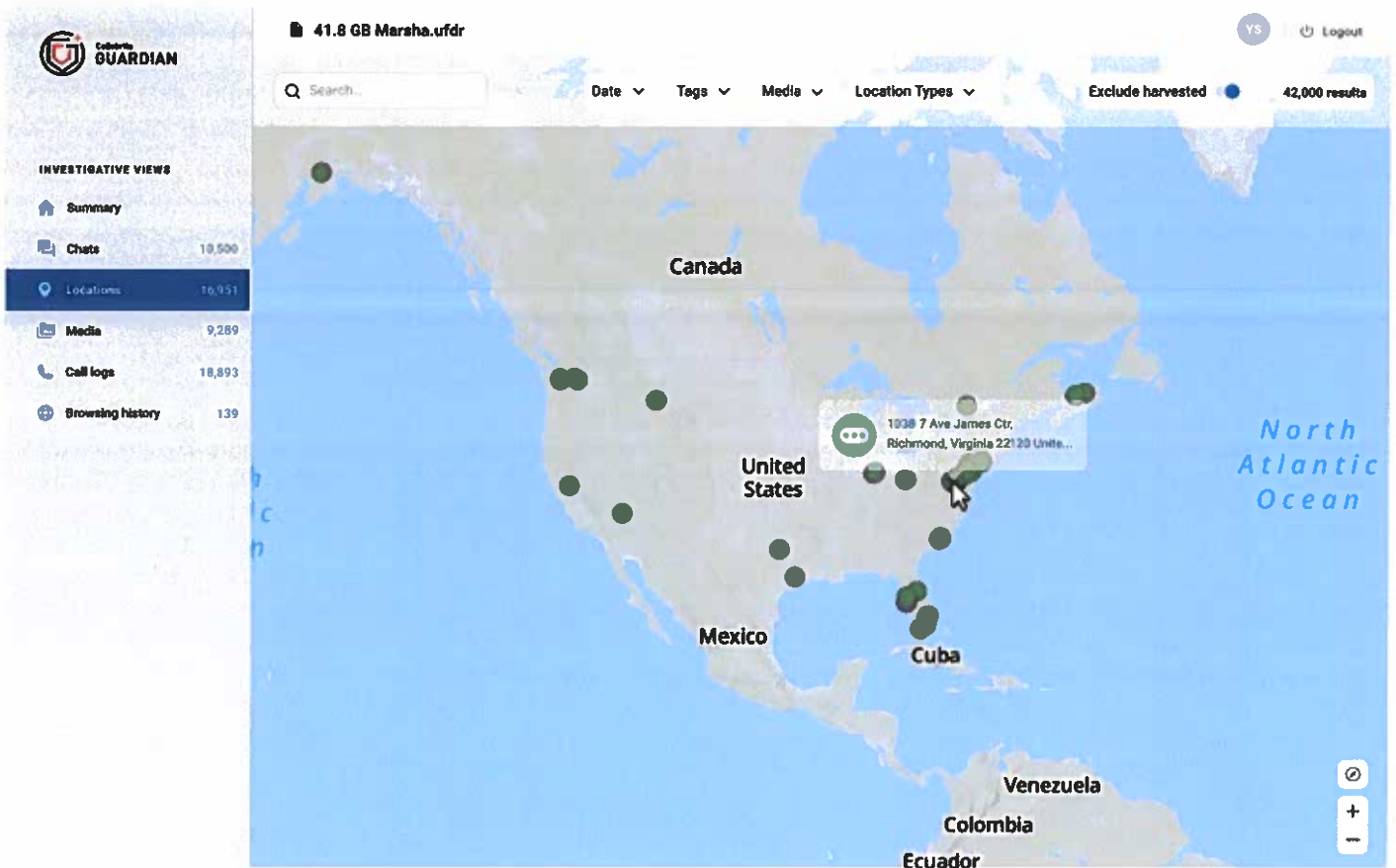
[CLOSE](#)

Simple share of evidence to case stakeholders with full permissions management, directly from your browser

Contact me 

Review UFDRs **instantly**

Contact me 



Load evidence in seconds to review in an unmatched, intuitive and native format

No download, no installation.
***(just a browser)**

[See how Guardian works >](#)

[Contact me](#) 

Security is our **Priority**

Guardian is created on the foundations of Security by Design, Zero Trust principles, and with data protection at its core.

We're so serious about security that adhering to strict regulations is just our starting point – we also comply with the most up-to-date best practices and principles to ensure that security is at the center of everything we do.

[Learn more about Guardian security](#)

[Contact me](#) 

Our **cloud-based** solution has you covered

Reduced time to benefit

No physical installation required... just log-in and get to work


Lower overall costs

No large initial investment

Seamless availability

Secure access from anywhere, on any device, at any time

Scale and integrate

 Expand with immediacy when you need to, all while integrating with your existing systems

Releases and upgrades

Centralized, regular, and automatic updates reduce the burden on your physical resources

Reduced IT hassles

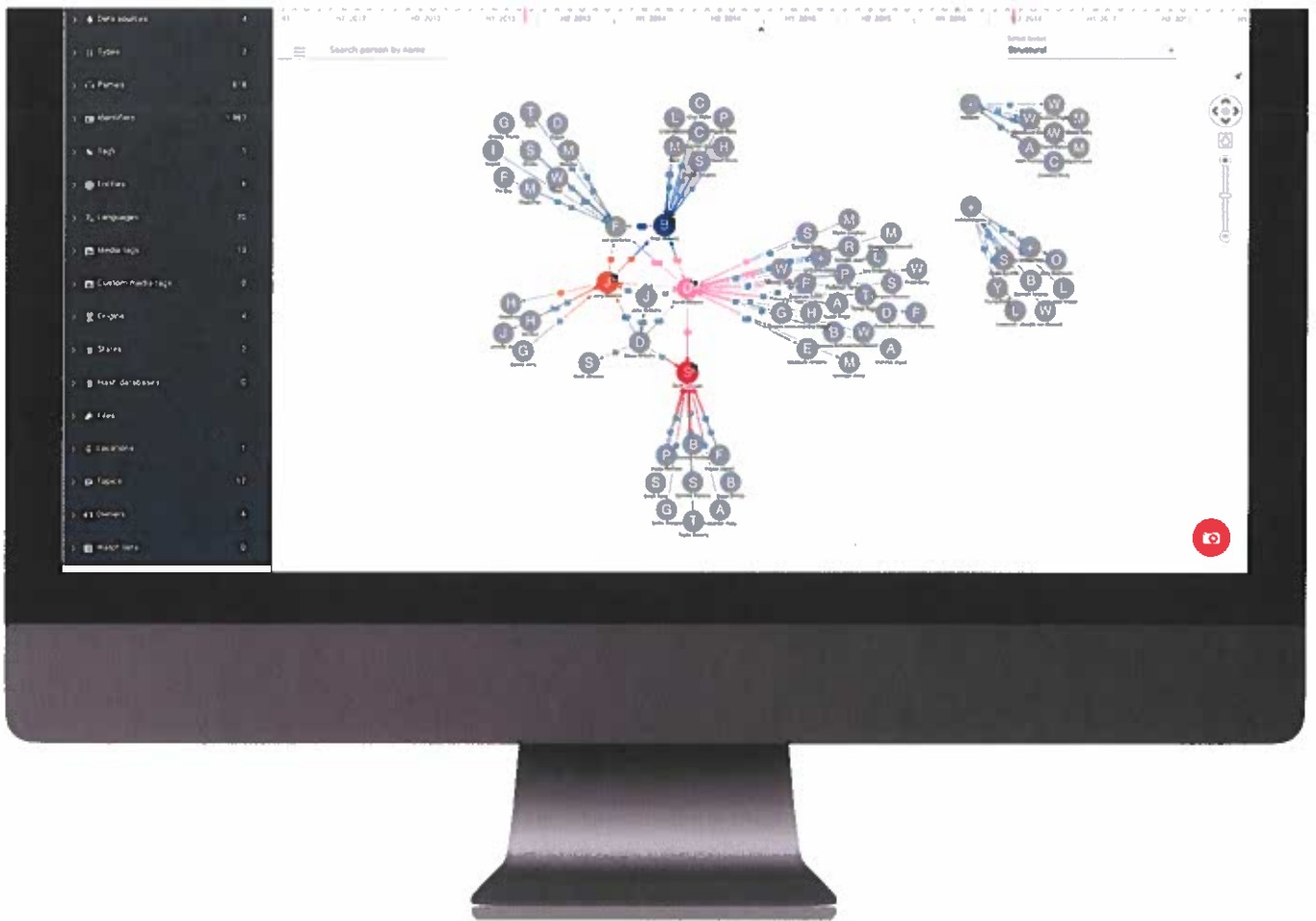
Take away reliance on IT support and save time and costs

 [Contact me](#) 

Get Started

Cellebrite Pathfinder enables investigators, analysts, and prosecutors to collaborate using a comprehensive, scalable solution to surface relevant leads, and discover connections that might be missed by the human eye.

Get Started



Fight Crime, Not Time

We're living in a digital world. Investigators are faced with an enormous volume of data and digital evidence which requires filtering and analyzing. Pathfinder helps expedite the investigation, using AI to highlight relevant



Get Started



Infographic

Shine a Spotlight on Critical Data

Analyzing digital evidence is harder than ever due to an overwhelming volume of digital data, and lengthy, complex review processes. A recent survey of agencies, examiners, and investigators revealed a need for improving data analysis, organization, and collaboration methods.

Download Infographic



Get Started

Simplify and organize complex data in an intuitive, easy-to-understand format

Analyze and process data to pinpoint key evidence

Streamline processes to allow collaboration with internal teams and external stakeholders

Use case specific: Designed to serve multiple types of crime across verticals

Scalable & integration ready: A scalable solution designed fit your needs and integrate into your current environment

Comprehensive services: Wide range of customer-centric, digital intelligence services to meet your agency's needs

[Download Product Overview](#)



Get Started

Investigation

Cellebrite Pathfinder streamlines your investigative process, automates data ingestion, and uses advanced AI to analyze and visualize data from mobile, cloud, computer, CDR, and video sources. It identifies patterns, reveals connections, and uncovers leads with speed and accuracy.

Get Started

Identify People, Not Numbers

Collect multiple — and sometimes contradictory — identifiers across various data sources to connect the dots between the suspect and victim's journeys.

Get Started

Highlight Key Points of Interest

Automatically detect and categorize data by highlighting key points of interest across different types of media and chat channels.



Get Started

Leverage Location Data to Uncover Patterns and Intersections

Where were they? Where did they come from? Who did they meet? Answer critical questions by tapping into GPS enabled App, photo geo-tags, tower dumps or Wi-Fi hotspots.

Resources