

Digital intelligence for mission-critical outcomes

Leveraging data from digital media to inform mission planning,
threat attribution and tactical advantage.



“Intelligence is a long-term investment, not a short-term solution. Once you forget this, you risk losing the edge.”

*— William “Wild Bill” Donovan,
founder of the Office of Strategic
Services (OSS) and later the CIA*

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Introduction

Digital media such as cellphones, drones and tablets leave digital footprints that can provide frontline operators and analysts with time-sensitive intelligence that supports operational decision-making in austere environments.

Every time someone makes a call, sends a text, captures an image, or connects to a signal on a cellphone, drone, tablet or other device, it leaves a digital trace. Capturing and interpreting those traces quickly can mean the difference between mitigating a threat and missing a critical opportunity.

Adversaries increasingly rely on these same technologies to coordinate, conceal movement, and identify vulnerabilities. If you're not leveraging digital devices for intelligence, you're leaving the advantage to them. These devices must become sources of digital intelligence — tools that expose enemy plans and enable precise action.

To stay ahead, defense and intelligence teams must be equipped to exploit, analyze

and disseminate data from a wide range of devices. When this data is integrated into the intelligence cycle, it becomes possible to rapidly verify identities, uncover hostile networks and reveal critical connections — without creating bottlenecks.

Accelerating this workflow shortens the intelligence cycle from months to hours or minutes, enabling timely decisions and improving force protection.

With the right capabilities in place, data moves quickly across tactical, operational and strategic levels, ensuring it reaches the right decision points when it matters most.

The result: faster intelligence cycles, more informed decisions, and the ability to stay ahead.

Closing the intelligence gap



Speed to actionable intelligence

Past limitation

Devices collected in the field could take up to six months to process and analyze. By then, data was often outdated or irrelevant.

Present advantage

Devices can be processed and exploited in 72 hours or less, delivering intelligence while it still has operational value.



Device attribution

Bulk device collections often arrived with no clear ownership and attribution was slow.

Use identifiers within devices to rapidly determine ownership and map connections, communications and locations — linking people, devices and networks with speed and precision.



Depth of data exploited

Only small subsets, such as calls and contacts, were reviewed; terabytes of potential intelligence were left untouched due to inefficient workflows.

Full file systems, media and documents can be analyzed quickly, giving access to far more relevant data without increasing analysis time.

Tactical

In austere environments, exploiting and analyzing digital media can often determine whether individuals and devices present an immediate security risk.



Task forces, border patrol, military police and force protection

Use	Data enrichment
Conflict zones	Device attribution
Perimeter patrols	Capabilities analysis
Site exploitation	Mission planning
Military checkpoints	Force protection
Border crossings	Threat network development



Accelerating CELLEX in resource-constrained checkpoint

In regions with established checkpoints — often in developing countries — limited resources or high volumes of people present teams with serious obstacles to quickly identify threats, detect links to hostile networks or uncover signs of illicit activity.

Modern digital intelligence solutions, such as those offered by Cellebrite, enable tactical teams to exploit and analyze data from mobile devices — including cellphones, tablets and SIM cards — on-site. This eliminates the need for centralized processing facilities and allows for immediate access to critical intelligence such as communications, contact lists, location history and stored documents.

When individuals are detained for screening, teams may have up to three hours to interrogate devices. However, in high-volume situations, full device processing may not be feasible. In such cases, SIM card extraction can be prioritized to ensure at minimum some form of CELLEX is obtained and associated

with persons of interest (POIs). These operations are supported by ruggedized, military-grade power sources, such as 2590/5590 batteries, enabling sustained functionality in remote or power-deficient areas.

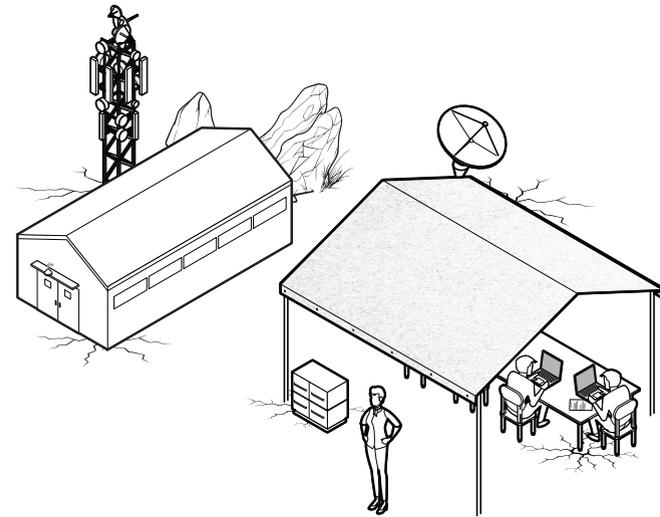
This capability empowers frontline personnel to:

- Make timely, informed decisions
- Enhance the effectiveness of security screenings
- Contribute actionable intelligence to broader operational efforts

By bridging the gap between field collection and intelligence exploitation, modern CELLEX solutions transform how tactical teams operate in the most demanding environments.

Operational

At this level, analysts must rapidly process and interpret digital data from multiple sources to support planning, targeting and threat assessments — often under tight timelines and with direct impact on operational decisions.



Border security, military intelligence and counterterrorism

Use	Data enrichment
Facilities	Device attribution
Regional offices	Capabilities analysis
Detention center	Mission planning
Military camps	Force execution
Border patrol	Network development
Military operations	Surveillance



Operational intelligence in action

Senior Analyst Kim is stationed at a forward operating base intelligence center. Her daily responsibilities include exploiting multiple devices and analyzing data to support time-sensitive missions.

On a typical day, Kim receives three urgent requests from field operations:

1. Threat network analysis: Devices recovered during a raid need immediate network mapping to identify potential collaborators.
2. Pattern-of-life analysis: Intelligence is needed to support next-day mission planning, requiring insights from multiple data sources.
3. Threat assessment: Communications data from a border interdiction must be analyzed to assess risks to personnel and infrastructure.

Each request contains potentially critical intelligence that could affect operational decisions and personnel safety.

With solutions from Cellebrite, Kim can:

- Rapidly exploit and analyze data from multiple devices
- Conduct geospatial and link analysis, mapping people, places and timelines from CELLEX and other data
- Deliver actionable intelligence reports within hours, not days or weeks, supporting teams in near-real time

Strategic

At the strategic level, digital intelligence informs long-term planning and policy decisions. This enables leadership to shape operational priorities and allocate resources effectively across theaters of operation.

Intelligence agencies, armed forces and cybersecurity

Use

Homeland security

Border control

Military operations

National intelligence

Military police

Agency headquarters

Data enrichment

Intelligence sharing

Force protection

After-action reports

Cellebrite capabilities support the full F3EAD cycle

Exploit
Industry-leading unlock capabilities
Recover deleted and hidden data
Reveal new POI and networks

Disseminate
Near real-time intelligence sharing
Export standardized reports
Enable secure multi-agency access

Analyze
Correlate multi-source data
Visualize links and behaviors
Generate actionable reports

Find
Identify relevant data
Conduct link analysis
Search for matching identifiers across cases

Fix
Reconstruct timelines from device data
Confirm identity via usage patterns
Correlate geolocation and contacts

Finish
Support tactical decision-making
Provide near-real-time intelligence
Enable quick decisions



Cellebrite delivers the digital world

Comms analysis

- Call logs and contact analysis
- Advertising IDs (Ad IDs) and commercial telemetry data (CTD) correlation
- Communication pattern analysis and frequency mapping
- Digital identifier extraction and correlation

Location and movement data

- GPS location data and movement-pattern analysis
- Wi-Fi network mapping
- Pinpoint location correlation and route reconstruction
- Photo metadata extraction for geographic intelligence

Identity and network mapping

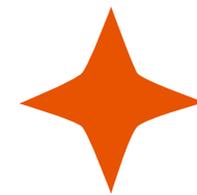
- Digital identifier extraction
- Device attribution and network mapping
- Public record integration and verification
- Cross-platform identity correlation

Financial data extraction

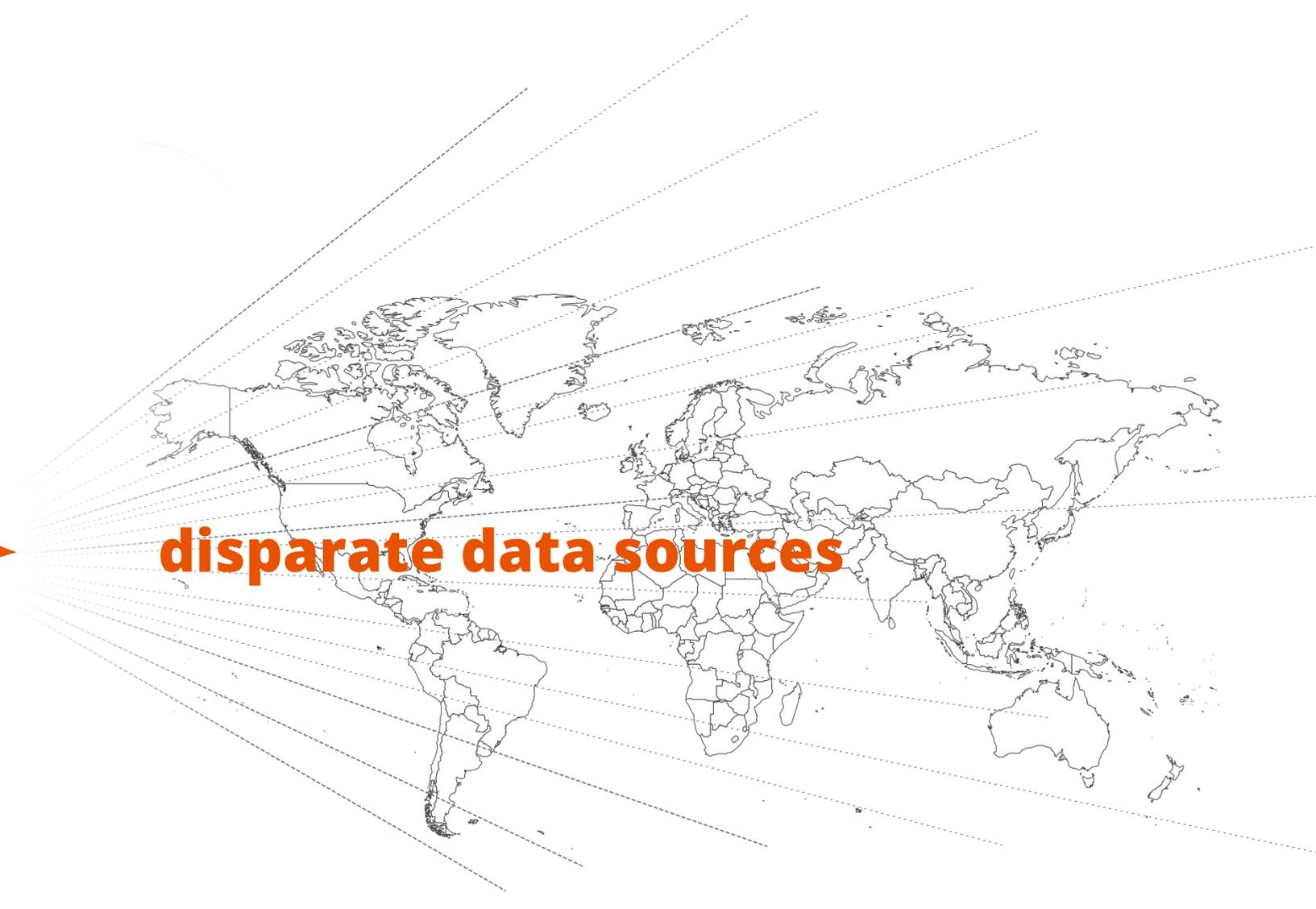
- Cryptocurrency address and wallet analysis
- Digital transaction records and financial pattern recognition
- Digital receipt analysis and financial documentation
- Digital payment app data
- Threat-finance tracking and analysis

Document and biometric analysis

- Identity intelligence operations (I2O) support
- Biometric correlation
- Official document analysis and verification
- Biographical information compilation and analysis
- Force-protection and threat-assessment capabilities



disparate data sources



Cellebrite professional services

Cellebrite is here to help your team across tactical, operational and strategic levels, bringing all elements of modern intelligence gathering together. We provide comprehensive professional services to ensure mission-critical digital intelligence operations achieve maximum effectiveness.

Our services bridge the gap between technology deployment and operational intelligence capability, enabling federal agencies to transform digital evidence into actionable intelligence at the speed of operations.

Services to cover your entire journey

Implementation services

- Onboarding
- Implementation
- Installation
- Customization
- Validation
- Post-implementation
- Back-up and restore

Training and certification

- Hands-on training
- Live and on-demand sessions
- Classes on-location
- In-person course offerings
- Multiple certification levels
- Recertification
- Ongoing community membership

Cellebrite Advanced Services (CAS)

- Mobile device services
- Case assist
- Advanced unlocking
- Advanced extraction
- Cryptocurrency investigations
- Advanced research services
- Advanced access workshops

Strategic capabilities enabled

The right capabilities empower teams to accelerate the intelligence cycle in every situation.

Identity intelligence and network mapping

Transform unknown individuals and devices into actionable intelligence targets through comprehensive identity verification, association analysis and network mapping.

Pattern-of-life analysis

Develop behavioral profiles by analyzing digital communications, location data and activity patterns.

Site exploitation

Conduct immediate on-site intelligence gathering and threat assessment through rapid device exploitation, evidence collection and real-time analysis.

Cross-border operations

Enable threat detection and assessment at border crossings, checkpoints and international transit points through near-real-time device screening, identity verification and intelligence correlation.

Counterterrorism

Support counterterrorism operations through advanced network analysis, threat assessment and operational planning.

Force protection

Provide security for military personnel, facilities and operations through continuous threat monitoring, vulnerability assessment and incident response.

Cyber operations support

Enable cyber operations through DFIR, malware analysis and attribution support.

Intelligence sharing

Support near real-time intelligence sharing and collaborative analysis for complex multi-domain operations.

Cellebrite as your partner

Cellebrite delivers state-of-the-art solutions and works in partnership with your teams to help them exploit, analyze and disseminate data from captured digital devices.

Purpose-built for mission success

- Deep understanding of intelligence workflows
- Proven expertise in mobile-device exploitation and digital forensics
- Comprehensive services bridging technology and mission execution
- Focused on outcomes — not just tools

Technology that matches the mission

Tactical device exploitation

Unlock and extract data from digital devices, even in austere environments.

Workflow automation

Streamline the intelligence pipeline from collection to dissemination to reduce manual steps.

Secure case management

Transfer data to a secure cloud or network and enable controlled sharing across agencies and partners.

Geospatial and link analysis

Map people, places and timelines from CELLEX and other data to support mission planning and building threat networks.

Cryptocurrency intelligence

Detect and decode crypto-related data, even from encrypted sources.

Cellebrite supports customers in more than 100 countries — including defense, security and intelligence organizations such as the U.S. Department of Defense, Department of Homeland Security, Five Eyes alliance members, NATO partners and allied forces worldwide.



The Cellebrite Advantage

5x

broader device access than competitors

60%

more data extraction across mobile, cloud and computer sources

100+

federal agencies in defense and intelligence that trust Cellebrite

93%

of U.S. federal departments use Cellebrite

Turn devices from adversaries into intelligence assets

Defense and intelligence missions demand speed, precision and absolute confidence in the information guiding every decision. Success depends on exploiting and analyzing the data hidden inside the devices adversaries use.

Are you turning every device into an intelligence asset?

If not, let's talk.

Visit cellebrite.com/contact

About Cellebrite

Cellebrite's (Nasdaq: CLBT) mission is to enable its global customers to protect and save lives by enhancing digital investigations and intelligence gathering to accelerate justice in communities around the world. Cellebrite's AI-powered Digital Investigation Platform enables customers to lawfully access, collect, analyze and share digital evidence in legally sanctioned investigations while preserving data privacy. Thousands of public safety organizations, intelligence agencies, and businesses rely on the Company's cloud-ready digital forensic and investigative solutions to close cases faster and safeguard communities.

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