

E-BOOK

Solving Your Environmental Challenges with Digital Intelligence





FORWARD

Protecting our environment is critical to our future. Environmental crimes not only affect the quality of air, water, and soil, threatening the survival of species and causing uncontrollable disasters and pandemics, but they also impose a security and safety threat and have a significant negative impact on development. Environmental crimes are directly linked to organized crime, terror, human trafficking, and money laundering.

At Cellebrite, we understand the importance of **protecting our environment** and we stand with our law enforcement agencies and organizations around the world in **supporting their mission**. In the pages that follow, you'll find suggestions and solutions to meet the greatest environmental challenges in your mission to make a safer world.





SUPPORTING YOUR MISSION

Protecting our environment is more important today than ever before. Here are four goals that our partners have identified as being critical to their missions:



PREVENTION

Improve the ability to identify and report suspected illicit activity.



PROTECTION

Strengthen intelligence-driven decision-making in real time.



PROSECUTION

Refer cases to the appropriate agencies to better support prosecutors.



PARTNERSHIP

Improve information sharing, management, and analysis between agencies.

Gathering intelligence, responding to incidents, making arrests, and building cases are all key components of your role.

Having the right data accessible to the right people at the right time renders actionable intelligence that can expedite decision-making.



ENVIRONMENTAL CRIME IN A DIGITAL WORLD

Law enforcement agencies and organizations are tasked with preventing a wide variety of crimes relating to the environment:

- ✦ Preventing illegal wildlife hunting, trade, and trafficking.
- ✦ Halting the smuggling of ozone-depleting substances (ODS).
- ✦ Fighting illicit trade of hazardous waste.
- ✦ Facing the growing threat of illegal, unregulated, and unreported fishing.
- ✦ Combating illegal logging and trade in forestry products.
- ✦ Identifying related offences such as human trafficking, drug trafficking, passport fraud, corruption, money laundering, and murder.





DETECTING, TRACKING, AND APPREHENDING SUSPECTS REQUIRES FAST DECISION-MAKING

Since the world is more connected than ever, criminals are leveraging modern technology to commit crimes. Not only do law enforcement agencies provide a physical deterrent by stopping criminals and the illicit flow of illegal wildlife, logging, fishing, and waste, they also handle the digital aspects of the investigations, which are inherently linked to physical investigations.

When it comes to identifying and prosecuting environmental crimes, digital information from mobile devices, computers, tablets and more, can often be a critical piece in the investigative puzzle.

So, how do you cope with data deluge to take maximum advantage of the digital data available? Are you leveraging the value of digital data for your environmental investigations? Today, agencies and organizations are transforming the way they handle environmental investigations by utilizing Digital Intelligence across every aspect of the investigation process. Cellebrite is here to help accelerate your crucial work at every stage to drive your investigations forward.





THE POWER OF DIGITAL TRANSFORMATION

To ensure our environment remains safe, leading agencies of all types need to digitally transform. Here are three steps we have identified that provide a roadmap to success:



COLLECT all relevant data from all the available data sources uncovered at the crime site or during an investigation.



CONTROL AND SHARE the data within and across agencies, while managing the right access to the right people.

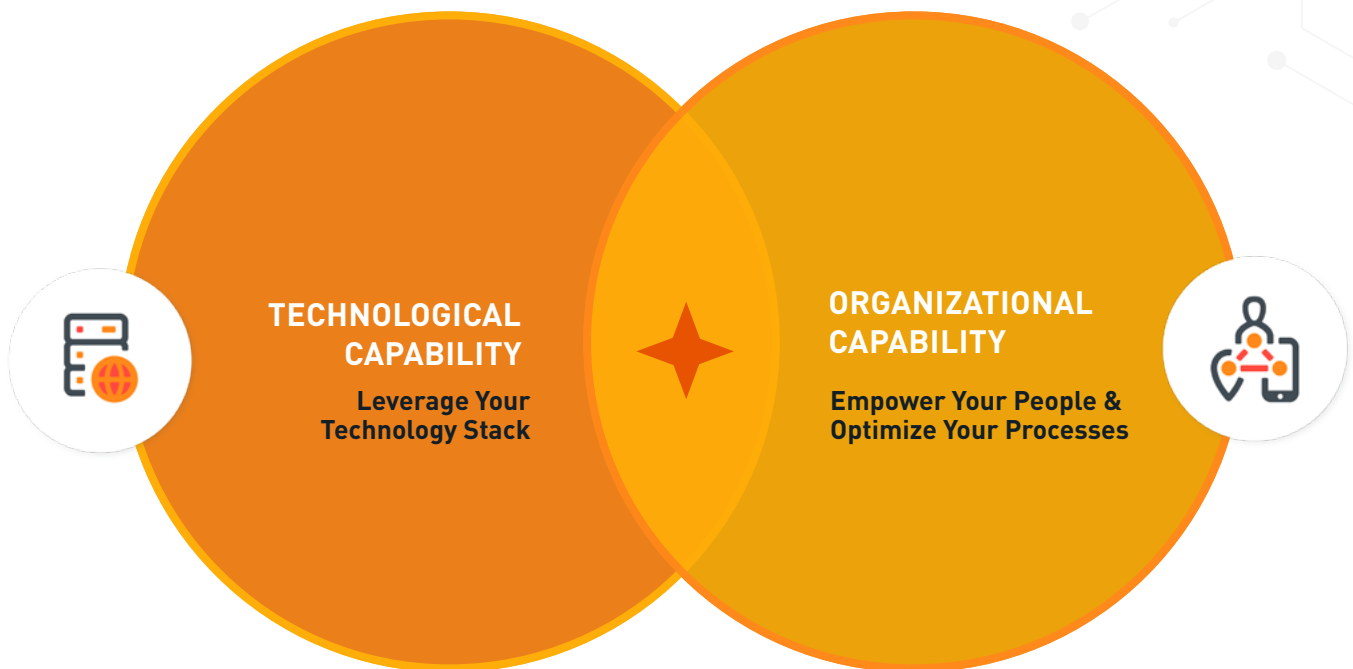


Turn collected data into a **COMPLETE PICTURE** that outlines actionable intelligence to move investigations forward.



INTRODUCING DI FOR ENVIRONMENTAL CRIME

Cellebrite's DI solutions help you achieve your investigative and intelligence mission of gaining trusted insights by leveraging your technological and organizational capabilities to make digital data more accessible, manageable, and actionable.



OUR DIGITAL INTELLIGENCE SOLUTION LEVERAGES
THE **SWEET SPOT** BETWEEN YOUR TECHNOLOGICAL
AND ORGANIZATIONAL CAPABILITIES.



ORGANIZATIONAL CAPABILITY: EMPOWER YOUR PEOPLE AND PROCESSES

Organizational capability refers to staff talent, professional development, collaboration, and measurement for continued improvement. Upskill your personnel to expertly handle digital evidence and empower your people to find crucial evidence in any scenario to build stronger cases.

Cellebrite helps create the right digital intelligence strategy for your team.

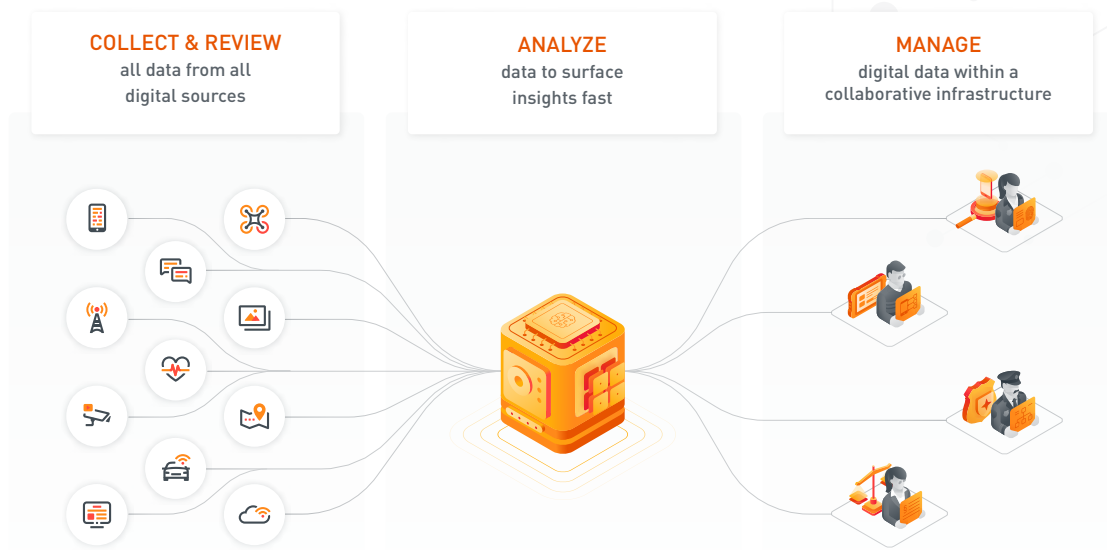


TECHNOLOGICAL CAPABILITY: LEVERAGE YOUR TECHNOLOGY STACK

Technology needs to work hand in hand with your existing tools in the field, on site, and across agencies. Tools that allow for collaboration between departments or task forces empower teams to find connections among seemingly unconnected people, places, and events to resolve environmental cases faster. We know that when team members are confident with using the most updated technology, the number of digital evidence sources they can access will grow. Modern agencies leverage the power of Cellebrite's comprehensive AI platform to fuel secure collaboration and analysis for informed decision-making.



Cellebrite's digital intelligence solution enables your agency to access, manage, and analyze large volumes of digital evidence to modernize and centralize your entire workflow.



Our complete end-to-end solution enables fast, data-driven, decision-making and enhanced collaboration between all stakeholders – based on a unified Digital Intelligence platform.

1. ACCESS AND TRIAGE DATA IN THE FIELD

Access all data from all digital sources using the best tools to quickly unlock, extract, examine, and validate data. This will enable you to quickly assess the risk and make sound decisions in the field.

2. MANAGE WITHIN AND ACROSS AGENCIES AND ORGANIZATIONS

Manage your operational workflow, chain of custody, governance, and assets within a collaborative infrastructure. This will enable you to work with **pre-defined watch lists, blacklists, white lists, and risk profiles** to identify deconflictions and hits. Get this data from other law enforcement agencies and enforce standard operation procedures to optimize time to evidence with a solid chain of custody.

3. ANALYZE AT THE INVESTIGATION SITE

Leverage AI-powered analysis tools to connect the dots by visualizing journeys, surfacing key insights, and gaining actionable intelligence through an automated workflow.

Once you've accessed, managed, and analyzed the digital data, it's time to connect the dots and map individual journeys. In today's landscape, law enforcement agencies will be judged just as much for their usefulness as a bio-threat tool as for their security capability.

ACCELERATE TRANSFORMATION with professional services, including training, advisory, and advanced services.



ENVIRONMENTAL DEPLOYMENT EXAMPLE

A UNIFIED INVESTIGATION AND DATA
MANAGEMENT SOLUTION



IN THE FIELD

Triage and consent-
based data collection



AT THE LAB

Data extraction, review,
and examination



DURING THE INVESTIGATION

Digital investigation and review



AT THE COURT

Case visualization
and analysis



Flow management
and compliance



Fleet and asset management,
permissions, and audit

Key Benefits of Cellebrite's DI Solution for Environmental Crimes



Accelerate the investigation process
and get faster, data-driven results
with AI and automation.



Collaborate with multiple
stakeholders and gain crucial
insights.



Empower your staff with the tools they
need; fit to their personas.



Secure your workflow, protect the
chain of custody, and ensure
adherence to policy governance.



Be proactive and leverage data for
better decision-making and planning.





CASE STUDY SPOTLIGHT

DI IN ACTION: TIGER POACHING SYNDICATE UNCOVERED

CHALLENGE

The Thai Department of National Parks was on a mission to protect their wildlife when they investigated what seemed like an illegal tiger trafficking incident. They initially looked to Cellebrite to analyze smartphone data from two suspects, but as the investigation progressed, they soon realized the value of gaining the complete picture.

RESULTS

The irrefutable digital evidence in this case located the tiger poaching path and identified their strategy. As a result, an entire tiger poaching syndicate was uncovered, and the leading coordinators were arrested and prosecuted. Due to the crucial discovery that this was a part of an organized crime effort, the Thai Department of National Parks was put on high alert for tiger hunters at large. Thanks to Cellebrite's solution, the international tiger poaching operation was dismantled, saving these majestic animals from needless slaughter.

“The use of Cellebrite's DI Solution in this case not only helped prosecute two major wildlife criminals, it also helped us finally understand how tiger poaching in Southeast Asia is actually being organized... This improved understanding has guided a larger investigation, as well as improved deterrence in national parks across the region that were put on high alert.”

- Steven Galster, CEO, ACET International Chair, Freeland

[READ MORE](#)





THE POWER OF CELLEBRITE

We work with our law enforcement every day partners to bridge their intelligence gaps and help build effective, long-term strategies while solving the most immediate issues today.

At Cellebrite, our goal is to demonstrate how you can take advantage of our solutions to work within your existing infrastructure to maximize your capabilities and deliver better results.

- ✦ **We work with industry leaders:** With more than 20 years of field-proven experience working with our partners, we never stop improving our products and services to ensure you have the right tools at hand.
- ✦ **Customer success:** Our dedicated customer success management serves as an extension of your team to create the right digital intelligence strategy.
- ✦ **Support:** We stand beside you every step of the way. Together we help solve your toughest cases.
- ✦ **Training and certifications:** The Cellebrite Academy can train your teams at their own pace, based on their schedule and your budget.
- ✦ **Advanced services:** Cellebrite's Advanced Services team can streamline your complete workflow, provide expert advice, and reduce your backlog.





DI IS THE FUTURE. ARE YOU READY?

The investigative process is transforming with digital evidence playing a major role in the prosecution of environmental crimes, which are rising at alarming rates. Our end-to-end digital intelligence solution seamlessly integrates with your unique ecosystem of people, platform, and processes.

What you'll gain is a holistic workflow where gaps in data, resources, knowledge, and collaboration are a thing of the past and actionable intelligence is accessible right at your fingertips.

BEGIN YOUR DIGITAL TRANSFORMATION JOURNEY TODAY!

Complete the DI Readiness Navigator