

Intelligence 360°

Unified Intelligence Platform for All Sources and All Users





Intelligence 360°

Unified Intelligence Platform for All Sources and All Users

The Need

Law enforcement, security and intelligence organizations today collect, analyze and produce intelligence in “Intelligence Silos”- multiple intelligence systems, each for a different source type, operated by separate units. “Intelligence Silos” produce a fragmented intelligence picture, cause insufficient synchronization between the various systems, prevent effective collaboration between users and units, use resources inefficiently and lead to high time-to-intelligence.

The Challenges

- Multiplicity of devices, platforms, apps and other data sources makes analyzing even a single target’s behavior more complicated than ever.
- No single intelligence approach or system can provide the complete picture. Units must collaborate holistically to discover insights and create operational intelligence.
- The ever-growing trend of encryption and demand for privacy obscures intelligence gathering and investigation.

Our Solution

- Intelligence 360° is a comprehensive multi-source data collection, fusion, analysis and investigation management platform that provides intelligence, military and law enforcement agencies with timely and actionable intelligence on both known and unknown threats.
- The platform can be customized to empower your workflows, integrate with existing capabilities and can grow with and adapt to your organization’s dynamic missions.

How it Works

- Single platform for all sources and users with a single data lake that empowers pursuing a unified investigation.
- Evolving analytics capabilities based on cutting-edge technologies extract meaningful information from raw data.
- Investigation processes and tools provide different analytic perspectives and to zero in on threats and share intelligence.
- Powerful, intuitive man-machine interface supports complex data visualization, analysis and collaboration.
- Automation of core practices frees users to focus on intelligence and analysis.



Key Benefits

- **Single platform for all your sources** – Understanding targeted persons activities by establishing a single, unified platform for all sources from multiple collection and acquisition systems for any accessible data sources.
- **One investigation** – The first intelligence solution that addresses end-to-end intelligence workflows including integrated processing, enhanced analysis and investigation tools for all your organization's needs.
- **Grow as you go** – Our solution includes a modular and flexible approach to interface design, adapter creation and changes in logic flow and demands from the environment.
- **Constantly evolving automated analytics** – Core intelligence methodologies automation frees up your analysts, investigators and other users to focus on creating intelligence about your targets' activities, and maximizing the value from your sources in a time-efficient manner. You can also create new analysis tools and enrichment pipelines by managing Data Science Lab, integrated with the platform.
- **Future proof, scalable, resilient, and adaptable** – Scales out at all levels - from the IT infrastructure across the data collection pipelines, repositories and analytics to the end user workstation. It is designed to assure system survivability with redundancy across all levels (physical, networking and storage), with no single point of failure/data loss.
- **Manage and utilize your knowledge base** – Correlate ingested data with the organization's knowledge to generate new insights and intelligence about your targets and investigations.

Intelligence 360° supports a variety of self-contained, mutually supportive collection packages



Data Fusion

- Integrates multiple data sources into fused, searchable dynamic entity models.
- Optimized for high performance and large amounts of data that support investigation flows.
- Supports most data types, database technologies and multiple structured/unstructured data streams efficiently.
- Flexible data pipelines future-proof your data interfaces to add/modify data sources for fusion.
- Analytics include language and object identification, automated entity extraction, machine translation and unstructured data processing capabilities.



All-Source Lawful Interception

- Real-time collection, processing and monitoring of IP or telephone networks and other sources - covers all telephony networks including PSTN, VoIP, mobile standards (2G/3G/4G/5G) and interception standards (ETSI, CALEA).
- Includes a sophisticated real-time IP decoding and analysis suite to extract all available data.
- Unified, all-source environment for operators to intuitively and efficiently produce target-centric intelligence.
- Automated analytics tools and alerts enable operators to efficiently and quickly produce operational intelligence.
- Integrates cutting-edge speech analytics including voice content and language identification, speaker separation, audio keyword spotting and speaker voiceprint identification features.
- Integrates cutting-edge text analytics including fast text search, OCR, textual language identification and automatic entity extraction (e.g., identifiers, locations, and other valuable metadata).
- Built-in judicial and regulatory compliance including evidence production, case archiving and warrant management.



Unified Cyber Collection

- A single, multi-vector/multi-device approach to cyber collection integrating a resilient solution to design, manage and implement a wide range of offensive cyber capabilities vis-a-vis targets from a single platform.
- Controls multiple attack vectors simultaneously, orchestrates the ongoing collection planning/monitoring process and monitors your cyber assets status and online functionality.
- Provides operational covertness and infrastructure partition via advanced cloud technologies.
- Intuitive data visualizations for easy, efficient operations and integration into ongoing intelligence processes.
- Open architecture enables customers to continue using internal/in-house or existing third-party products.



Mass Collection

- Mass data collection enables the collection, processing and retrieval of billions of data records from encrypted and unencrypted IP and telephony traffic including data from applications, browsing, emails, VoIP calls, etc.
- Potential sources include mass CDR, mass location datasets, visual surveillance camera networks (e.g., LPR, CCTV, HLS), and large-scale shared or proprietary databases (e.g., border control, flights data, company registry).
- Employs sophisticated algorithms to make sense of large-scale data by extracting insights from encrypted and content-less activities for intelligence analysis.
- Uses automated profiling integrating a wide array of smart algorithms to link identifiers, find hidden links, and summarize communications between entities from mass collected datasets to automatically create new investigative leads and uncover previously unknown connections.



**ALL-SOURCE
LAWFUL
INTERCEPTION**



**FINANCIAL
INTELLIGENCE
PLATFORM**



**DATA
FUSION**



**UNIFIED GEO
TRACKING**



**MASS
COLLECTION**



**UNIFIED
WEBINT**



**UNIFIED CYBER
COLLECTION**



**DIGITAL
FORENSICS HUB**

**One Intelligence Platform
for All Sources and All Users**

Intelligence 360°

Unified Intelligence Platform for All Sources and All Users



Digital Forensics Hub

- Utilizes leading-edge data extraction capabilities covering almost all electronic devices and computers.
- Integrates an end-to-end digital forensic investigation solution from device capture and field triage.
- Evolving analytics and automatic intelligence insight extraction to obtain actionable intelligence from multiple devices.
- Provides secure data transfer and chain-of-evidence handling for legal/regulatory requirements.
- Endpoints are suited for modern operational environments and available in a variety of forms, such as ruggedized devices for field ops and desktop devices for office environments.



Unified Webint

- Utilizes leading-edge smart data collection array using autonomous, parallel robot collection to provide real-time Web-based intelligence.
- Advanced deep/dark Web capabilities maximize accessibility to collection of inaccessible information.
- Built-in online avatar creation and management functionalities.
- Integrated profiler generates a focused view of real-world online presence across the Web and social networks.
- Built-in specialized analytics tools suited for Internet investigations, such as Multi Language Entity Extraction, Visual Link Analysis, Geo-Location Analysis, Sentiment Analysis, Keywords and Video/Image Entity Identification.



Unified Geo Tracking

- Mobile tactical elements support tactical intelligence-gathering (covert, inaccessible/hostile environment, remote).
- Interception of all modern mobile standards including native 2G/3G/4G/5G (up to eight simultaneous calls) and Wi-Fi.
- Advanced modifications of targeted device data on the fly, including Call/SMS manipulation and Denial-of-Service.
- Cell location allows for device location worldwide based on both real-time and predefined queries.
- Built-in alerts to project geofencing capabilities (entry/exit/roamer), detect meetings or border crossings and identify SIM/IMEI Swappers.



Financial Intelligence Platform

- Receiving and analyzing financial information and activity reports concerning suspected proceeds, to combat money laundering and terrorism financing.
- Orchestrating the whole investigation process, while using automation in every step (collection, enrichment, analysis, reporting, etc.)
- The organization's expertise, such as rules, AI models and methodologies, are implemented as part of the platform's pipe line.
- Centralized visibility over privacy and regulation compliance.



Elbit Systems C4 and Cyber

2 H'amachshev St., Netanya 4250712, Israel

E-mail: C4icyber.info@elbitsystems.com www.elbitsystems.com

Follow us on   