

C3 AI Law Enforcement

Integrated Intelligence Platform to Enhance Public Safety

C3 AI® Law Enforcement enables analysts, investigators, and on-duty officers to efficiently aggregate, access, explore, and manage disparate datasets to derive investigative insights in near real-time.



4 Hour

Improvement in case investigation completion



4 Day

Improvement in crime trends and statistics reporting



8x

Reduction in query time across criminal justice information systems

Law enforcement agencies are tightly staffed and access to timely, comprehensive, and accurate data is more critical than ever. Today, investigators, analysts, and on-duty officers rely on legacy solutions to collect and aggregate investigative data across numerous disparate datasets. The manual process to explore events, relationships, people, and places, generate insights, and identify patterns across datasets is time consuming and prone to error.

Law enforcement agencies need an effective, customizable, and user-friendly solution to integrate relevant data across disparate datasets automatically and apply AI to generate insights, uncover hidden relationships, and identify patterns of significance.

C3 AI Law Enforcement presents a comprehensive set of capabilities in a user-friendly interface. The application enables users to efficiently aggregate, access, explore, annotate, and analyze structured and unstructured datasets to derive insights.

Feature Summary

- **Ingest and manage all relevant data sources** – Ingest and aggregate disparate unstructured and structured data feeds in near-real time on a unified federated data image.
- **Access fast, obfuscated, federated, elastic search across data sets** – Configure search queries for specific windows of time and entities to return the most relevant objects across all datasets.
- **Identify, extract, and manage entities and contextual data** – Natural Language Processing (NLP) extracts entities and their interrelationships from data.
- **Express all entities and relationships in a time-varying graph** – Construct and manage entities in a time-varying, in-memory graph.
- **Annotate the graph with AI-driven entity management** – Edit entities, identify duplicates, or merge entities using object representation of entities (while minimizing changes to metadata).
- **Apply configurable AI algorithms** – Use link analysis to uncover hidden patterns, detect anomalous behavior, and identify key relationships.
- **Collaborate on analyses to share insights** – Collaborate and share investigations and hypotheses across law enforcement agencies, export critical reports with evidence packages



Figure 1. C3 AI Law Enforcement provides a single dashboard for the most critical information.

C3 AI Law Enforcement exposes insights on a time-varying in-memory graph with rich set of graph visualizations (e.g., geospatial, hierarchical, and/or force-directed) to investigate and explore people, places, events, and relationships.

C3 AI Law Enforcement reduces time to insight from hours and days to minutes. The application provides configurable AI algorithms that pinpoint relationships, uncover hidden patterns, and prioritize investigations. Using rich investigator and reporting workflows, users rapidly access insights, share findings across the organization, and generate critical law enforcement reports.

The application:

- Ingests structured and unstructured data from multiple internal and external feeds, including jail data systems, records management systems, video feeds, license plate databases, court records, national alerts, social media, third-party intelligence reports, and many others
- Provides encrypted, obfuscated, federated, elastic search for fast and secure access across multiple databases
- Parses data feeds in near real-time using configurable natural language processing to extract entities and sentiments from data – including people, places, activities, and relationships
- Constructs and manages entities in a time varying, in-memory graph with configurable graph component available via C3 AI Data Vision. Temporal and spatial relationships of entities are captured and maintained. Raw files supporting the graph representation are stored and linked to entities within the graph, enabling fast and scalable search
- Provides comprehensive workflows for deep investigative exploration and critical law enforcement reporting
- Applies AI to provide insights to analysts and investigators such as AI-inferred link analysis across people, places, activities, and relationships

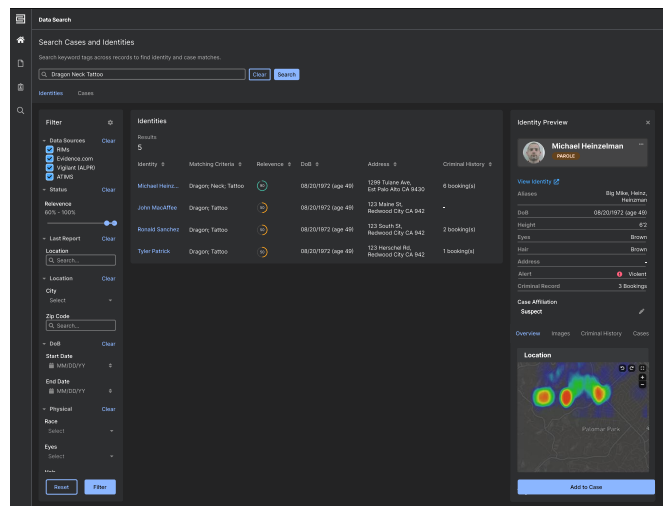


Figure 2. C3 AI Law Enforcement provides robust, multi-source summaries on people, cases, and more.

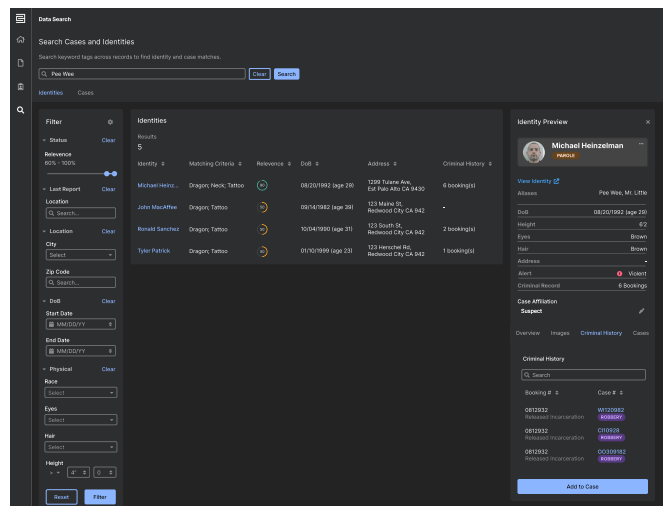


Figure 3. C3 AI Law Enforcement provides advanced graph exploration tools to find hidden insights in real time.

C3 AI Law Enforcement Benefits

- **Faster investigative timelines** through AI-enabled insights that highlight relevant entities and relationships
- **Near real-time insights** through scalable data ingestion pipelines that parse and expose all data in near-real time
- **Data fusion capabilities** – counties can combine data with appropriate role-based access controls to further unlock insights
- **More effective investigations** as AI algorithms learn over time from massive datasets and react to human decisions
- **New insights** via access to all relevant otherwise disparate data sources in a unified, federated data image
- **Enhanced collaboration** through an intuitive, workflow-enabled application that allows analysts to share insights in real-time

Proven Results in 8-12 Weeks

Visit C3.ai/get-started