

C3 AI Law Enforcement

Integrated Intelligence Platform to Enhance Public Safety

C3 AI® Law Enforcement unifies and manages disparate datasets, enabling analysts, investigators, and on-duty officers to efficiently access, search, explore, and derive insights from the data 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 data sources 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
- **Uncover geographical trends and patterns of behavior** – Filterable maps throughout the application enable deeper insights into cases, people, vehicles, and more
- **Automatic entity resolution** – Increase accuracy and efficiency by viewing single panes of glass of individuals, vehicles, and other record types from data source systems
- **Generate crime statistic reports** – Save time sifting through and aggregating data with configurable report generation
- **Collaborate on analyses to share insights** – Collaborate and share investigations and hypotheses across law enforcement agencies, export critical reports with evidence packages

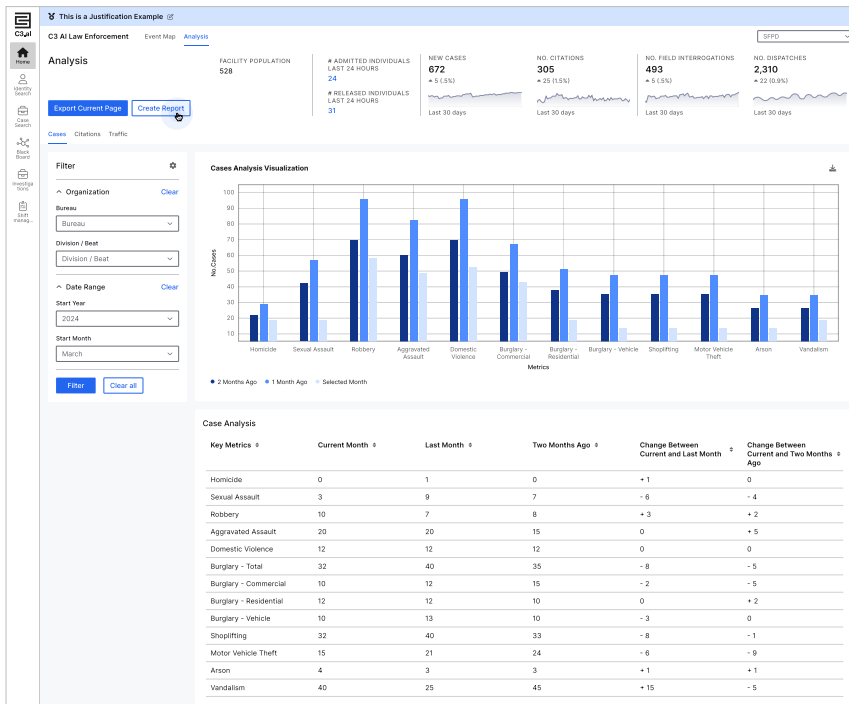


Figure 1. C3 AI Law Enforcement provides report generation for statistics on cases, citations, traffic incidents, and more.

C3 AI Law Enforcement exposes insights on graphs with rich evidence packages detailing connections between individuals to investigate and explore people and relationships. Interactive maps provide the ability to extract patterns of behavior and trends geospatially.

C3 AI Law Enforcement reduces time to insight from hours and days to minutes. The application provides robust user workflows that enable collaborative investigations, informed patrol shifts, efficient searches across data sources, and generation of critical law enforcement reports. Data unification and cleansing throughout the application allows for increased accuracy and speed on the job for analysts, investigators, and patrol officers.

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. Temporal and spatial relationships of entities are captured and maintained. Graphs representing individuals relationships can be saved to investigators.
- Provides comprehensive workflows for deep investigative exploration and critical law enforcement reporting
- Applies AI to enhance data accuracy and deliver highly precise, single-pane views for entities such as individuals, vehicles, and cases.

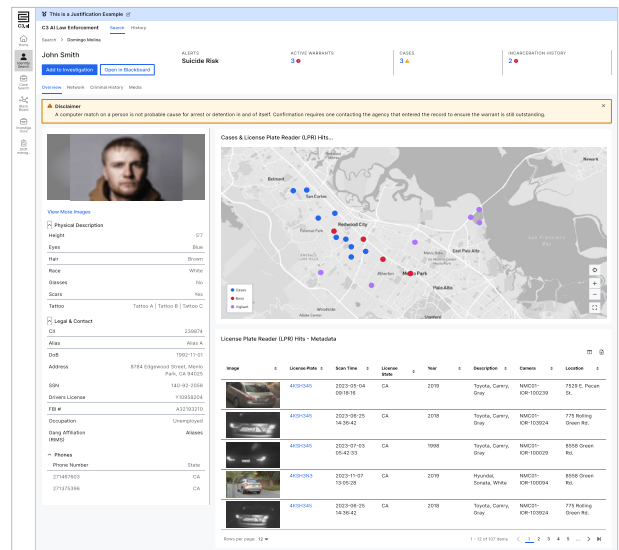


Figure 2. C3 AI Law Enforcement provides robust, multi-source summaries on people, cases, and more.

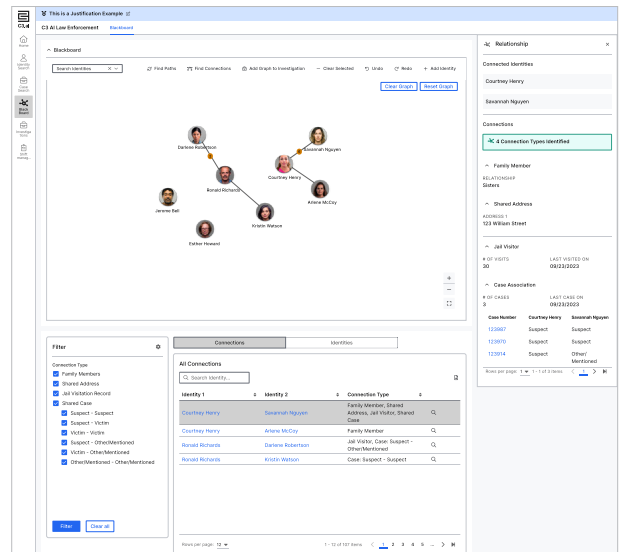


Figure 3. C3 AI Law Enforcement provides advanced graph exploration tools to find hidden insights in real time.

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 patrolling** – on the go access to search across aggregated data sources and Shift Management workflows enable officers on the ground
- **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

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