

C3 Law Enforcement

Integrated Intelligence Platform to Enhance Public Safety



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

C3 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.

C3 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 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.

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

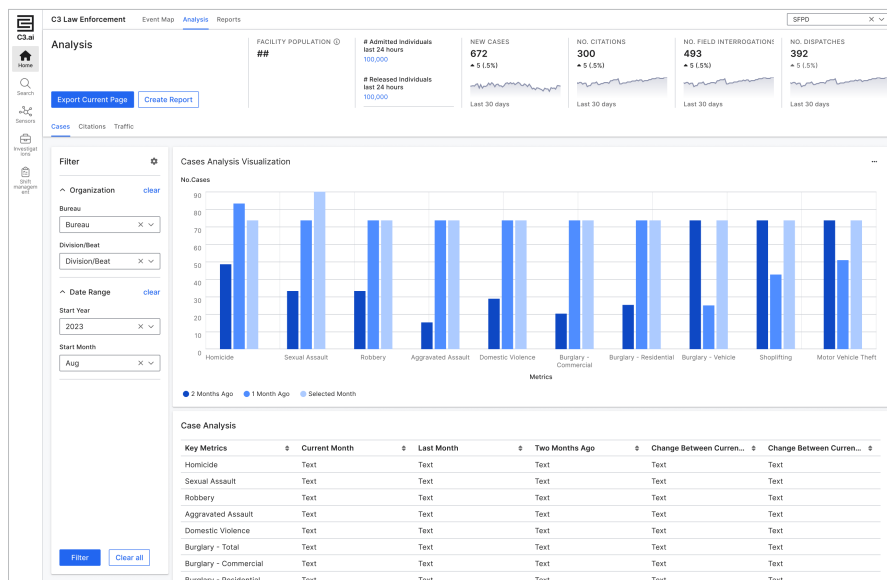


Figure 1. C3 Law Enforcement provides report generation for statistics on cases, citations, traffic incidents, and more.

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.

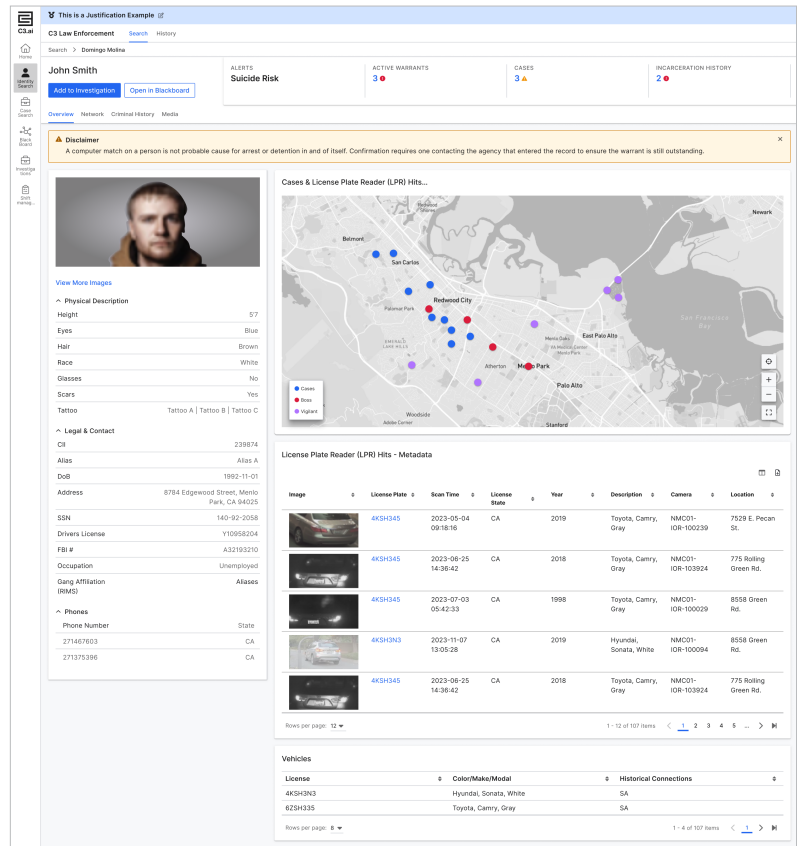


Figure 2. C3 Law Enforcement provides robust, multi-source summaries on people, cases, and more.

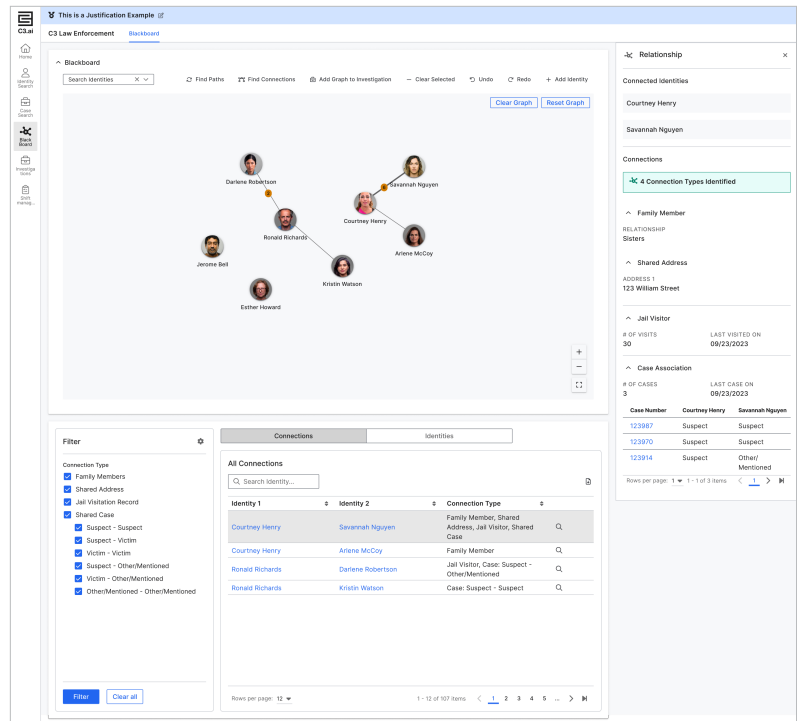


Figure 3. C3 Law Enforcement provides advanced graph exploration tools to find hidden insights in real time.

Proven Results in 6-Month Pilot

Visit C3.ai/get-started