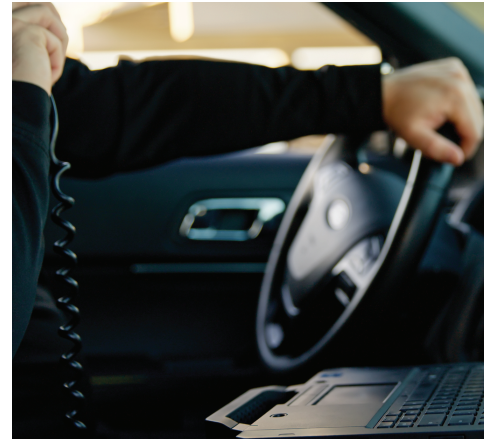


State Investigative Agency Improves Efficiency with Search Warrant Generation



Value-Driven Benefits

1,000+

historical ICAC warrants and supporting documentation integrated

50%+

efficiency gains anticipated with full-scale adoption

24

verification steps created to measure search warrant quality

Introduction

A statewide criminal investigative agency is responsible for conducting criminal investigations and supporting law enforcement agencies across its jurisdiction. One of its top priorities is addressing Internet Crimes Against Children (ICAC) — a growing threat to public safety. Every year, the agency receives thousands of cyber tips and issues hundreds of ICAC-related warrants.

Business Need

The agency faced growing operational challenges in processing ICAC cases due to the manual effort required to generate search warrants. Investigators spent significant time gathering information from disparate systems, referencing prior reports, and articulating complex legal justifications for each warrant. This process demanded deep domain expertise and often involved multiple review cycles, leading to delays in critical investigations. Additionally, a lack of standardization across warrant templates made it difficult to ensure consistency, compliance, and repeatability. Small mistakes such as missing information or incorrect references could lead to rejected warrants or delayed approvals.

With a growing backlog of over 3,000 uninvestigated cyber tips, the agency needed a solution to accelerate investigative workflows, minimize manual effort, and streamline warrant generation.

The Solution

To address these challenges, the agency partnered with C3 AI to implement C3 AI Document Generation for Search Warrants to streamline warrant generation for two key ICAC warrant types — online service provider (OSP) and residence search warrants. In just four months, the C3 AI team integrated data from case files, agent notes, cyber tips, and agent backgrounds and ingested 1,000+ historical warrants with supporting documentation. The initial production deployment focused on enabling search functionality across unstructured investigative materials and automating the generation of legally compliant warrants.

Results

C3 AI Document Generation for Search Warrants significantly improved operational efficiency for the agency. By automating the ingestion and retrieval of relevant case materials, the solution reduced the warrant generation time by more than 50%. This enabled investigators to process more cases in less time, accelerate investigations, and improve coordination with judicial partners. With routine tasks streamlined, investigators are now able to focus on higher-value investigative work, such as case analysis, suspect tracking, and victim identification.

C3 AI Document Generation for Search Warrants empowers the agency to scale its workflows and handle high volumes of search warrants with greater speed and efficiency — advancing the agency's mission to protect the most vulnerable across its jurisdiction.

Inside the Digital Transformation

C3 AI configured and deployed C3 AI Document Generation for Search Warrants to automate warrant generation by extracting key information from case folders, case reports, and parsed cyber tips. The team ingested 1,000+ historical ICAC warrants and relevant documentation, creating a unified view of case materials to accelerate the drafting of OSP and residence search warrants.

C3 AI Document Generation for Search Warrants leverages AI agents and large language models (LLMs) to generate search warrants grounded in case-specific evidence. When investigators start a new warrant, the solution begins by parsing uploaded documents and extracting metadata tags (e.g., case number, suspect name, and property address). This metadata tagging enables the LLMs to retrieve relevant context for the specific type of warrant being generated. Once the context is assembled, the application automatically drafts each section of the warrant, including agent background, probable cause, and items to be seized.

Users can easily review and refine the generated warrant with full source traceability. The application includes an AI-powered quality check that evaluates the draft against a checklist of legal and procedural standards used by judges and attorneys. This review flags missing or unsupported details, highlights well-constructed sections, and recommends targeted improvements — ensuring that each draft is both factually sound and legally robust. Finalized warrants can then be edited, approved, and exported for submission.

About the Agency:

- 600+ full-time staff, including special agents, forensic scientists, analysts, and support personnel
- 1,000+ public tips received annually
- Partner in National Internet Crimes Against Children (ICAC) Task Force since 2000

Project Highlights

- 15 weeks from project kickoff to production-ready application
- 2 warrant types (online service provider and residence search warrants) in-scope
- 1,000+ historical ICAC warrants and supporting documentation integrated
- 50%+ reduction in time to generate search warrants

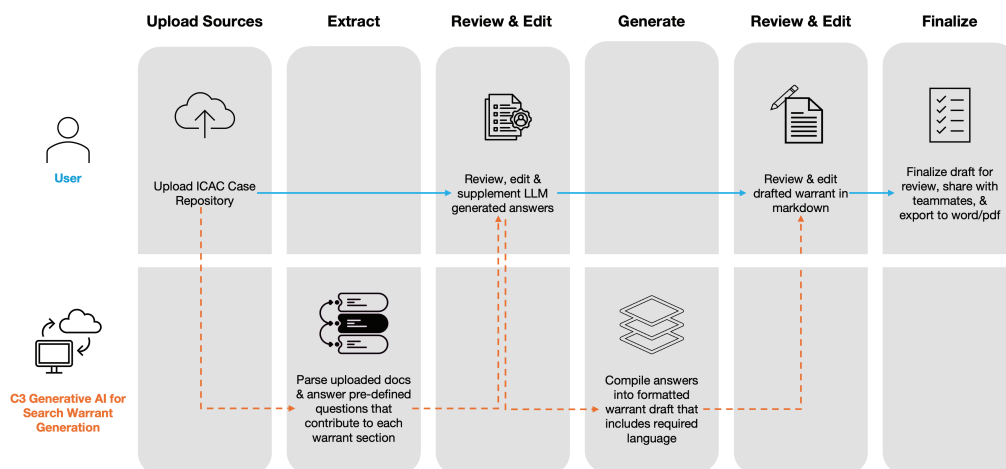


Figure 1. C3 AI Document Generation for Search Warrants accelerates warrant creation by automating key drafting and review steps while keeping investigators in full control.

Continued Partnership

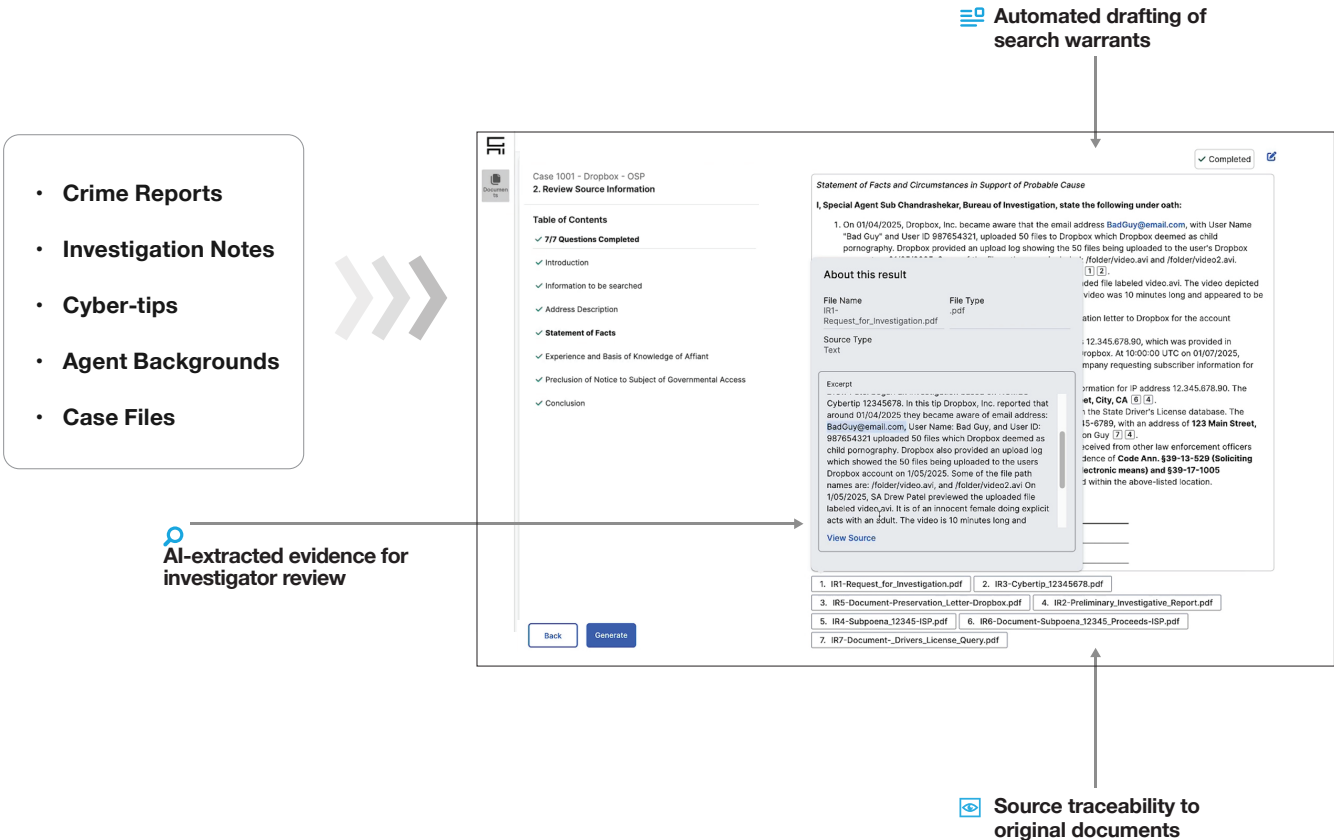
C3 AI and the agency continue to partner closely to identify new opportunities for applying AI across the agency's operations. The initial deployment of C3 AI Document Generation for Search Warrants focused on generating two high-impact ICAC warrant types — OSP and residence search warrants — and is projected to deliver significant time savings. Building on this success, the team is exploring expansion to additional warrant types, including electronic device and drug investigation warrants, to broaden the solution's reach across more investigative workflows. In parallel, new capabilities, such as redaction of sensitive PII, CJIS-protected data, and other case information, are being configured to further streamline operations, reduce manual effort, and ensure secure handling of sensitive data. Together, C3 AI and the agency remain committed to advancing responsible AI innovation in service of public safety and mission-critical efficiency.

"The application is better than what I have seen some agents write."

— ICAC Investigator

Solution Architecture

C3 AI Document Generation for Search Warrants



Proven Results in Initial Production Deployment

Visit C3.ai/get-started