

TECHNOLOGY DISCLOSURE

TECHNICAL SPECIFICATIONS

● What is Argent Forensics?

Argent Forensics is a HIPAA-compliant, AI-assisted record review platform designed for forensic psychologists and forensic psychiatrists. Argent utilizes a secure, closed-loop **Retrieval-Augmented Generation (RAG)** architecture integrated with private, enterprise-grade Large Language Models (LLMs) via **AWS Bedrock**. It was developed by board-Certified forensic psychologist with fifteen years of practice experience and is built around the specific workflow, ethical obligations, and evidentiary standards of forensic psychological evaluation. Argent is a purpose-built professional workbench that assists forensic practitioners in organizing, reviewing, and extracting information from the voluminous collateral records that form the evidentiary foundation of a forensic evaluation.

● How is data protected?

- Stored on HIPAA-compliant, US-based cloud systems.
- Fully encrypted in transit (TLS 1.3) and at rest (AES-256).
- Signed BAA (Business Associate Agreement) required for setup.
- **Zero training:** Case files are never used to train models.
- **Zero-Data-Retention:** API calls operate under strict agreements - no prompt data or clinical text is cached or retained.
- Read-only retention archive for ten years post-cancellation.

● Professional Standards

- HIPAA-compliant architecture; BAA to all providers.
- Completed APA Tool Evaluation Checklist available.
- Signed BAA (Business Associate Agreement) required for setup.
- Designed in alignment with the Specialty Guidelines (SGFP)
- Compliant with ABFP AI policy for board certification practice samples
- Founder is a board-certified forensic practitioner

● What does it do?

Argent Forensics processes forensic case records - medical, psychiatric, legal, educational, and law enforcement documents - uploaded securely by the practitioner. The ingestion engine converts raw document text into high-dimensional **vector embeddings** stored in an isolated database, allowing the search architecture to match queries semantically with mathematical precision. From those records, the platform produces:

AI-Generated summaries of individual documents and aggregate case-wide syntheses.

- A **Smart Chronology** extracting key clinical and legal events across all documents.
- An **AI Assistant** that responds to natural language queries about the case file.
- Source lists, record request letters, and exportable case file archives.

Every output is linked to the specific source document and page number. No output is presented without a verifiable citation.

● What does it not do?

Argent Forensics does not form opinions, make clinical judgments, interpret findings, or draw forensic conclusions of any kind. The forensic expert's opinion is based entirely on their own independent professional judgment — applied to the records, to the clinical interview, and to the relevant professional literature.

The platform is an instrument that organizes records and surfaces information from them. The expert evaluates that information and forms the opinion. These are distinct functions and Argent is designed to keep them that way.

● Practitioner Workflow

1. Ingest
Case

2. Human
Review

3. Expert
Opinion

The practitioner uploads authorized case records. The platform processes them and generates cited outputs. The practitioner reviews and verifies each output against original records. AI tool use disclosed transparently in report.