

# Modernizing Evidence Management for a Nonprofit Legal Advocacy Organization

## OVERVIEW

An American nonprofit legal advocacy organization based in Montgomery, Alabama, is renowned for its tireless efforts in civil rights and public interest litigation. Known for its groundbreaking legal battles against white supremacist groups, classification of hate groups, and promotion of tolerance education, the organization's Intelligence Project is globally recognized for tracking and exposing extremist activities.

## PROCESS

The Evidence and Profile Database (EPD) project aimed to revolutionize evidence management for the nonprofit organization. By shifting from an entity-centric to an evidence-focused approach, EPD sought to address several key challenges faced by the organization in evidence storage, retrieval, and analysis.

## TECH STACK

### Application Technologies



ANGULAR  
12.0



ASP.NET Core



Azure Functions

### Cognitive Services



COMPUTER  
VISION API



DOCUMENT  
INTELLIGENCE API



AZURE  
SEARCH

### Data Storage and Retrieval



AZURE  
COSMOS DB



Gremlin  
G=(V,E)



Azure Blob  
Storage

### DevOps



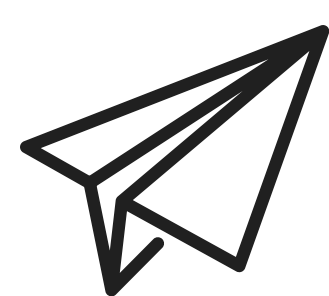
Azure  
DevOps



Azure Container  
Apps



sonarqube



## CUSTOMER REQUIREMENTS AND CHALLENGES FACED



**Shift from Entity to Evidence Focus:** The existing system struggled to effectively manage evidence, leading to difficulties in locating untagged or lost evidence.



**Comprehensive Evidence Repository:** Data collectors lacked a centralized repository for various data types, hindering efficient storage and retrieval.



**Intuitive Interface:** The absence of a user-friendly interface made evidence uploading cumbersome and inefficient.



**Duplicate Document Generation:** Inability to attach single evidence to multiple entities resulted in the generation of duplicate records.



**Standardized Upload Process:** A lack of standardized upload processes led to inconsistencies and inefficiencies in data management.



**Limited Search Capabilities:** The old system lacked robust search functionalities within documents, leading to time-consuming searches and inaccurate results.



**Insufficient Report Options:** Limited reporting options restricted data analysis and reporting capabilities, impeding decision-making processes.



## PROJECT OUTCOME AND BUSINESS VALUE



**Organized Data Management:** EPD streamlined evidence management, organizing data in an evidence-focused manner for improved accessibility and efficiency.



**Role-Based Access Control:** With role-based access, users have tailored permissions, enhancing security and data integrity.



**Enhanced Search Functionality:** Smart search capabilities enable users to search within documents and attributes, significantly reducing search time and improving accuracy.



**Efficient Data Upload:** A robust set of questionnaires facilitates organized and efficient data uploads, catering to both small and large files.



**Flexible Reporting:** EPD offers comprehensive report management and export functionalities, empowering users to extract and analyze data effortlessly.



**Smooth Workflows:** Streamlined workflows ensure seamless operations, enhancing user experience and productivity.



**Data Validation:** EPD incorporates validations to maintain data integrity, ensuring clean and accurate data.

The successful implementation of EPD has significantly enhanced the nonprofit organization's ability to manage evidence efficiently, thereby supporting its crucial mission in advancing civil rights and combating extremism.

