AI-Powered Justice: Accelerating Human Trafficking Investigations with CloudHesive and AWS

INDUSTRY

- Government

SECTOR

- Public Sector

CLOUDHESIVE'S TECHNOLOGY

- API Integration with 3rd party
- Document Management
- System via API Gateway

AWS'S TECHNOLOGY

- Amazon Cognito
- Amazon Cloudfront
- Amazon Bedrock
- AWS Lambda
- Amazon DynamoDB
- Route 53
- AWS Secrets Manager
- Amazon CloudWatch
- Amazon S3
- Amazon API Gateway
- OpenSearch

REGION

- NAMER

THE CUSTOMER

- The International Association of Human Trafficking Investigators (IAHTI) is a nonprofit that supports law enforcement agencies worldwide in combating human trafficking. Its team is made up of active and retired investigators, prosecutors, analysts, and survivors, providing hands-on expertise and training to agencies across the U.S., Canada, and beyond.

THE CHALLENGE

- Agencies faced critical barriers to effectively investigating human trafficking:
  - Data locked in silos across jurisdictions.
  - Manual, time-consuming collaboration processes.
  - Lack of budget for advanced analytics and training.
  - Urgent need for faster victim identification and prosecution of traffickers.

THE SOLUTION

- *CloudHesive, in partnership with IAHTI, built a cloud-native, AI-powered records management platform on AWS. The solution provides:*
  - *A shared RMS for cross-jurisdictional visibility across the U.S. and Canada.*
  - *AI-driven analytics and natural language search to connect cases faster.*
  - *Real-time dashboards and alerts to accelerate investigations.*
  - *Integrated best practices and training from IAHTI to empower investigators.*
  - *A "give-to-get" model, ensuring agencies contribute and access data for free.*

THE RESULTS

- This project showcases how Gen AI and AWS cloud-native solutions can address one of society's toughest challenges. The model is scalable, globally applicable, and positions CloudHesive and AWS as true partners in driving impact at scale.
- Reduced time to collect and analyze cross-jurisdictional data.
  - Projected increase in prosecutions and case closures.
  - Faster time-to-support for victims.
  - Estimated $2.5–3M USD in annual cost savings for participating agencies.

CloudHesive ConnectPathCX by CloudHesive

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