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

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 (Claude)
- 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 SOLUTION

- *CloudHesive, in partnership with IAHTI, built a cloud-native, AI-powered records management platform on AWS, powered by Anthropic's Claude as the reasoning engine behind the platform's intelligence. The platform has been in production since May 1, 2026, and is used today by 25 investigators across 10 agencies in the U.S. and Canada. The solution provides:*
  - *A shared RMS for cross-jurisdictional visibility across the U.S. and Canada.*
  - *AI-driven analytics and natural language case search powered by Claude on Amazon Bedrock (Claude Sonnet 4 and Claude Haiku 3.5), enabling investigators to query and connect related cases in plain language instead of relying on manual cross-referencing.*
  - *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 CHALLENGE

- Agencies faced critical barriers to effectively investigating human trafficking:
  - Data locked in silos across jurisdictions.
  - Manual, time-consuming collaboration: reviewing the documentation for a single case across jurisdictions took about two weeks of investigator time.
  - Lack of budget for advanced analytics and training.
  - Urgent need for faster victim identification and prosecution of traffickers.

THE RESULTS

- Since going live in May 2026, the platform has changed how participating agencies work cross-jurisdictional cases:
  - **From two weeks to three hours**: reviewing a case's documentation across jurisdictions now takes about three hours with Claude, down from roughly two weeks.
  - **230 hours saved per investigation each month** on document collection and review.
  - **$2.5–3M USD in annual cost savings** for participating agencies, as calculated by IAHTI.
  - **10 agencies and 25 investigators** in the U.S. and Canada on the platform, at no cost to them through the "give-to-get" model.
- The model is scalable and globally applicable, and positions CloudHesive, AWS, and Anthropic as partners in driving impact at scale.

CloudHesive ConnectPathCX by CloudHesive

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