



NORTH FLORIDA SHERIFF'S OFFICE IDENTIFIES AN UNCOOPERATIVE FELON

APRIL 2021

PROBLEM

INDIVIDUAL REFUSING TO IDENTIFY THEMSELVES

In December 2019, a Florida Sheriff's Office patrol officer pulled over a driver and her passenger. The passenger was uncooperative in providing his ID, provided two different names and dates of birth, and claimed not to know his Social Security number. Tattoos on the passenger's neck indicated a possible gang affiliation. From his office, a Crime Analyst Supervisor started to assist the patrol officer in uncovering his identity.

The Crime Analyst Supervisor first tried to search a text-based database of arrestee scars, marks, and tattoos. After 15 minutes, he could not find a match of the passenger's tattoos in the database.

Next, the analyst searched a photo of the passenger taken with the patrol officer's smartphone against Florida's state-wide facial recognition database. After another 15 minutes, and even after cropping and enhancing the photo, he still could not find a match for the passenger.

"With the other facial recognition programs, sometimes I have to crop the picture or I have to lighten it up... With Clearview AI, I didn't have to do anything to it."



87% faster identification time than other methods that didn't work



Independently confirmed suspect identification in 2 minutes



Helped increase officer safety

SOLUTION

IDENTIFYING A SUSPECT AFTER OTHER METHODS HAVE FAILED

Facial recognition solutions based upon artificial intelligence can help law enforcement agencies identify individuals when other methods have failed. Agencies can use the facial recognition results as investigative leads, and when supported by other evidence can accurately and rapidly identify suspects, persons of interest, and victims of crimes.

Running out of time and options, the analyst submitted the uncropped, unenhanced photo of the passenger to their new facial recognition tool, Clearview AI.

Clearview AI is a post-event research tool for law enforcement, using over 3 billion photos derived from publicly available web sources, including social media posts, personal and professional websites, news articles, online mugshots and other criminal databases, public record sites, and thousands of other open source records.

THE RESULTS

CLEARVIEW AI HELPS TO IDENTIFY A CONVICTED FELON

"Within three seconds, I got four positive hits.... Three of them were different versions of the same mugshot. The tattoos were clearly visible, the same hairline, the same eye set, the same eyebrows."

Within three seconds, Clearview AI found four results, all pointing to the same person. The most helpful result was a previous arrest record found online including his name, date of birth, and arrest history. The analyst followed this investigative lead by utilizing his facial recognition training, and cross-checking the information with the Florida Department of Corrections. Within under five minutes, he had helped determine the former inmate was the passenger in the car.

After the analyst identified and confirmed the suspect's identity through further investigative methods, he then informed the patrol officer, "I think I got him," and gave the patrol officer the passenger's name. The patrol officer addressed the passenger with his real name, which the passenger confirmed, ending the stalemate.

Further investigation determined that the passenger had served time on multiple charges, including fleeing and eluding a law enforcement officer and was wanted on multiple warrants. The patrol officer arrested the passenger and brought him to jail.

Without Clearview AI, more time would have passed with the patrol officer waiting for a mobile fingerprint reader to help identify the uncooperative passenger. Since he had already served time for fleeing and eluding an officer, there is no guarantee that this classified violent felon would still be there by the time the mobile fingerprint reader arrived.

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RESCUING A MINOR FROM HER VIOLENT TRAFFICKER

MAY 2021



PROBLEM

VICTIMS OFTEN REMAIN UNIDENTIFIED BEFORE THEY ARE MOVED TO THEIR NEXT CITY

The Reno Police Department only had a few days to identify and save a child sexual exploitation victim before she left the city.

The Police Department's Human Exploitation and Traffic Unit monitors online prostitution ads to try to identify human trafficking victims. One ad in particular raised concern in the eyes of a police investigator since the individual appeared to be a minor yet had facial tattoos – an unusual combination.

The investigator wanted to recover the victim from her trafficker before she moved from Reno to other major cities, but had no way to identify her. Online ads do not use real names, and even the phone numbers are usually VoIP numbers that the police cannot associate with a known individual. Failure to rescue the victim while in Reno would expose the child to continued danger and possibly undermine established leads.

"She could have left town to the next city and we would not have been able to recover her."

AGENCY



Investigative lead provided in 15 seconds



Uncovered information that would not have been found using traditional investigative means



Minor rescued from her trafficker and she's in the trauma recovery process

SOLUTION

QUICKLY IDENTIFYING A VICTIM

An automated facial recognition solution based upon artificial intelligence can speed up identification time dramatically. Facial recognition compares an uploaded probe image against a database of images. Law enforcement agencies can use facial recognition results as investigative leads, and when supported by other evidence, they can accurately and rapidly identify suspects, persons of interest, and victims of crimes.

The technology Clearview AI provides is a post-event research tool, using over 3 billion photos derived from publicly available web sources, including social media posts, personal and professional websites, news articles, online mugshots and other criminal databases, public record sites and thousands of other open-source records. Clearview AI's law enforcement customers can use the results from this tool as investigative leads, which require confirmation and follow-up investigation from trained investigators.

"Clearview AI is phenomenal for human trafficking investigations. I use the platform almost every day."

"Clearview AI was able to quickly help me identify a juvenile victim of sex trafficking and get her recovered within a day. This is incredibly faster than what it would have taken me before."

THE RESULTS

CLEARVIEW AI IDENTIFIES THE CHILD VICTIM, ALLOWS HER TO BE RESCUED, AND BEGIN THE RECOVERY PROCESS

A Reno Police Department investigator needed to identify a child that was being sexually exploited before she left the city. While online prostitution ads do not always provide identifying information for the workers, the ads often have high quality pictures that are suitable for facial recognition searches.

The investigator submitted one of the facial images from the ads, and within 10 to 15 seconds Clearview AI provided a possible lead, including a link to the girl's Instagram page. By researching the contents of the public Instagram profile, including comments on posts and other identifying information, the investigator positively identified the victim within two hours of the Clearview AI search—and also confirmed that she was a 16 year old juvenile.

After booking an "appointment" for the next day, the investigator recovered the victim and apprehended her trafficker after a foot pursuit. Even after the police removed her from her trafficker and placed her in a safe location, the victim was apprehensive to provide information to law enforcement. Children that are sexually abused often live in fear of their handlers, and this particular trafficker had regularly beaten his victim. This child victim was forced to work in the sex trade since she was 13, only heightening her resistance to outsiders. However, as the Reno Police Department arranged for recovery services for the victim, she began to open up to the police, and within two days she was thanking them for rescuing her from her trafficker.

The victim had a long road ahead of her, including several months of treatment in an out-of-state care facility and follow-up services, but by her 18th birthday in May of 2021, she was in the trauma recovery process and is holding down a stable job.

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NASHVILLE INTERNATIONAL AIRPORT'S DEPARTMENT OF PUBLIC SAFETY HELPS IDENTIFY SUSPECT IN ATTEMPTED RENTAL CAR THEFT

JULY 2021

PROBLEM

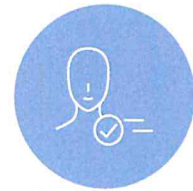
AN INABILITY TO IDENTIFY RENTAL CAR THIEVES

According to the National Insurance Crime Bureau, theft is a significant challenge in the world of rental cars, with an estimated 30,000 stolen every year. At Nashville International Airport (BNA) alone, thieves stole \$2 million worth of rental cars in an 18-month period between 2018 and 2019. The thieves used counterfeit driver's licenses and credit cards to rent cars and rather than returning the cars, they would resell them or use them to further commit crimes. Some of the stolen cars ended up as far away as Western Africa.

Because the rental car thieves used counterfeit driver's licenses and credit cards, it was difficult to identify them. If the suspect had arrived at the airport by plane, the airport's investigator could comb through hours of video feeds, work backwards to identify the flight on which the suspect arrived at the airport, and go to a court to request a subpoena to obtain the manifest for that flight from the airline. This process could take weeks.

Rental car thieves do not stay in one place, and often will tour a region and steal rental cars from multiple airports. Because of this, regional airports often work together to identify rental car thieves.

"We're just getting destroyed with the rental car thefts. We're losing millions of dollars worth of cars each year"



Clearview AI delivered leads within a few seconds



Within two hours, the suspect was identified and an arrest warrant was issued



2x as many rental car theft suspects are now being identified at BNA since utilizing Clearview AI

SOLUTION

QUICKLY IDENTIFYING A SUSPECT

An AI-driven facial recognition solution can drastically accelerate the identification process. Facial recognition compares an uploaded probe image against a database of images. Law enforcement agencies use facial recognition results as investigative leads, and when supported by other evidence, they can accurately and rapidly identify suspects, persons of interest, and victims of crimes.

The technology Clearview AI provides is a post-event research tool, using over 3 billion photos derived from publicly available web sources, including social media posts, personal and professional websites, news articles, online mugshots and other criminal databases, public record sites and thousands of other open source records.

The picture on a counterfeit driver's license may provide an investigative lead.

"We never base a case solely on a Clearview AI hit. We use the information from the Clearview AI hit to conduct additional investigation."

THE RESULTS

CRIMINAL INVESTIGATIONS DIVISION IDENTIFIES A PERSON OF INTEREST FOR ANOTHER LOCAL AIRPORT

Lt. Scott Harding of Tennessee's Nashville International Airport, Department of Public Safety's Criminal Investigations Division was contacted by an investigator at Kentucky's Louisville Muhammad Ali International Airport. At the Louisville airport, a suspicious person tried to rent a car, but was approached by police officers. The suspect ended up fleeing the scene in another car, leaving his counterfeit driver's license behind. The license plate number on the fleeing car could not be identified, but the Louisville airport investigator had the counterfeit driver's license. The investigator sent a picture of it to a regional airport fraud taskforce group, which includes Lt. Harding.

Lt. Harding searched the facial image from the license using Clearview AI. Within a few seconds, he received a result. Criminal Investigations Division never bases a case solely on a Clearview AI result, and always conducts a full investigation. In this case, Lt. Harding used the name to search the FBI's National Data Exchange (N-DEX) System. This uncovered multiple arrests of the person, including a fraud-related arrest.

Within two hours of the original request, Lt. Harding contacted the investigator in Louisville and provided his full investigation details, giving the Louisville investigator enough information to issue an arrest warrant.

Before Clearview AI was available to the Criminal Investigations Division at Nashville International Airport, investigators were only able to identify fewer than 10% of rental car thieves. Investigators are now able to identify more than 20% of these individuals, doubling their identification capabilities.

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BANK FRAUD TASK FORCE MEMBER IDENTIFIES ATM THEFT SUSPECT

JULY 2021

PROBLEM

BANK FRAUD TACTICS MAY BE SIMPLE BUT SOLVING A CASE CAN BE COMPLEX

Bank fraud can be as simple as opening a new bank account by depositing counterfeit checks and using an automated teller machine (ATM) to withdraw the funds before the bank identifies the checks as counterfeit. The account also may have been opened using a counterfeit identification card with a fictitious name. These practices make it challenging to identify the suspect.

Other investigative methods, such as checking the counterfeit checks for latent fingerprints, may yield enough information to identify the suspect. However, these procedures take weeks or months and are resource intensive.

The Williamson County Sheriff's Office (TN) was investigating a bank fraud case in which the suspect had used an ATM to cash thousands of dollars' worth of counterfeit checks. Because of the level of fraud that was committed, the case met the threshold for investigation by the U.S. Secret Service, and therefore the case was shared with a group of bank officials and investigators, Banks United Against Criminal Organizations (BUNCO), along with an image of the suspect taken from an ATM camera.

"They use a counterfeit check to deposit money then go to the ATM and withdraw it. By the time the bank realizes it's a counterfeit check, they've already got that cash."



Allows bank fraud investigators to identify over 3x as many ATM theft suspects



Saved weeks or months as opposed to traditional investigative methods



Helped prevent the suspect from stealing thousands more dollars from the bank

SOLUTION

TIME IS MONEY

An AI-driven facial recognition solution can drastically accelerate the identification process. Facial recognition compares an uploaded probe image against a database of images. Law enforcement agencies use facial recognition results as investigative leads, and when supported by other evidence, they can accurately and rapidly identify suspects, persons of interest, and victims of crimes.

The technology Clearview AI provides is a post-event research tool, using over 3 billion photos derived from publicly available web sources, including social media posts, personal and professional websites, news articles, online mugshots and other criminal databases, public record sites and thousands of other open source records.

"The ATM cameras at the bank provide great facial images."

THE RESULTS

THE NASHVILLE CRIMINAL INVESTIGATIONS DIVISION IDENTIFIES ATM THEFT SUSPECT

"Our ability to identify offenders from bank cameras has increased from less than 10% to more than 30% with Clearview AI."

Lt. Scott Harding of BNA's Public Safety Criminal Investigations Division is part of a regional group of bank officials and investigators that share information to assist in the identification, apprehension, and prosecution of individuals who commit financial crimes. The group received a notification of a bank fraud case by Williamson County who shared an ATM camera image of the person who fraudulently withdrew money from the bank.

Lt. Harding searched the image from the ATM camera using Clearview AI. Within seconds, he received a result showing a jail booking image tied to an arrest of an individual charged with fraud in Arkansas.

Further investigation using the FBI's National Data Exchange (N-DEX) System revealed that the person had recently been released from prison after serving time for a conviction in a fraud case.

This information provided the agency with an investigative lead that it could use to help establish probable cause for an arrest warrant in the case.

Before Clearview AI was available to the investigators, they were only able to identify fewer than 10% of ATM thieves. With Clearview AI, investigators report that they are now able to identify more than 30% of these individuals, more than tripling their identification capabilities.

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