

OVERVIEW

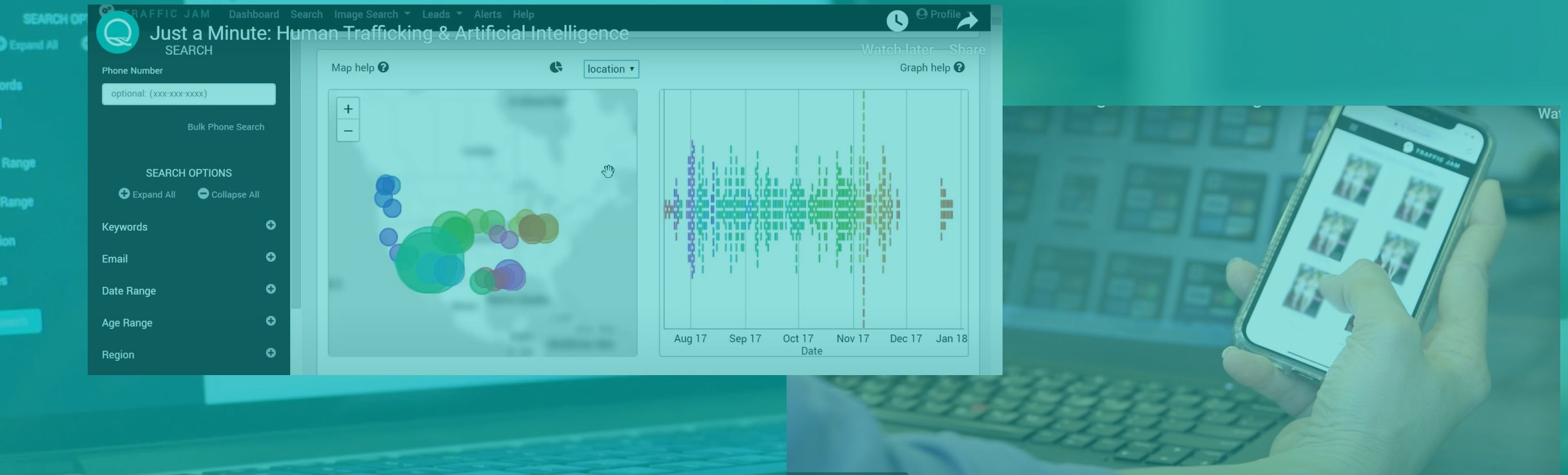
MARINUS ANALYTICS

Established in 2014 out of Carnegie Mellon Robotics, Marinus Analytics is an internationally recognized leader in innovating technology in service to society. Our Pittsburgh-based company works with clients across the United States, Canada and the United Kingdom.

Marinus Analytics has been awarded research funding from the National Science Foundation and in 2021, Marinus Analytics received 3rd place in the IBM Watson AI XPRIZE to tackle global challenges.

OUR 2021 MISSION

We are dedicated to building and deploying artificial intelligence tools for public safety and human services sectors, to help identify and combat under-reported crimes, empower a victim-centered response, and prevent exploitation of the vulnerable.



TRAFFIC JAM

- 10th anniversary of research, operations, and engagement
- 3,000+ law enforcement and non-profit users to date

VICTIM-CENTERED MISSION

Prosecution of Traffickers, Not Victims

“Traffickers also benefit from low rates of prosecution. Many operate with impunity. Meanwhile, human trafficking victims are ones to fear prosecution. Too often they are prosecuted for the unlawful acts their trafficker requires them to commit. The “non-prosecution of victims” principle must be turned into a promise and we must fulfill that promise. Survivors should receive tailored services, not time behind bars.”

John Cotton Richmond
United States
Ambassador-at-Large
August 1, 2018



TRAFFIC JAM

MARINUS ANALYTICS

Information Discovery for Public Safety Mission

1. Keeping pace with online trends
2. Vulnerability indicators of under-reported exploitation
3. Missing persons response
4. Linking OCG networks
5. Digital forensic image analysis



Missing Persons Searches

POSITIVE OUTCOMES

“Two missing 17-year-olds suspected of having been trafficked for the purpose of sexual exploitation were located in a brothel in [city in the north of England] and were referred into the NRM and accommodated by social care.

A few days later they went missing again. I *[analyst working with a local police force]* was able identify an ad in **Traffic Jam** that linked to the girls in London. Shortly after, the girls were located in that city and a male suspect was arrested for having facilitated their exploitation.”

Report from UK Traffic Jam user, July 2020

DISRUPTING SYSTEMIC EXPLOITATION

Organized Crime Trafficking



United States Department of Justice

THE UNITED STATES ATTORNEY'S OFFICE
DISTRICT of OREGON

U.S. Attorneys » District of Oregon » News

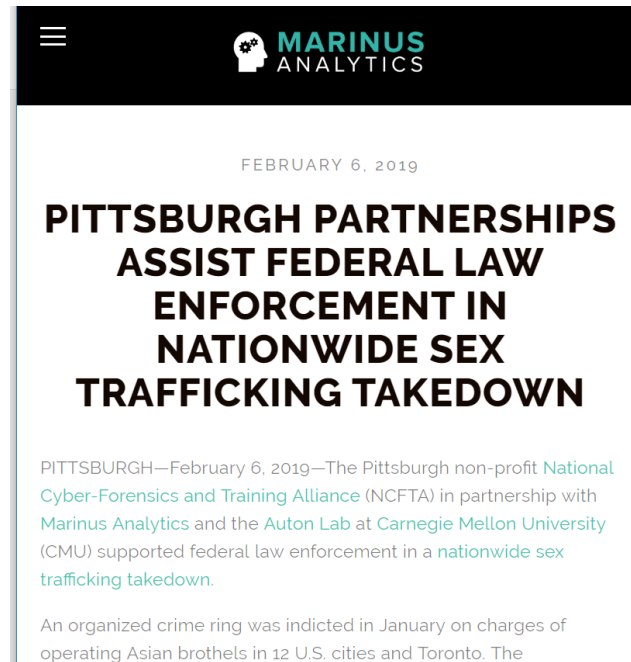
Department of Justice
U.S. Attorney's Office
District of Oregon

FOR IMMEDIATE RELEASE Wednesday, January 16, 2019

Nationwide Sting Operation Targets Illegal Asian Brothels, Six Indicted for Racketeering

FBI seizes domain www.supermatchescort.com and approximately 500 related websites

PORTLAND, Ore.—A federal grand jury in Oregon has returned two indictments charging six people with running sex trafficking organizations operating in the U.S., Canada and Australia. The indictments were unsealed today following a series of arrests by FBI Portland's Child Exploitation Task Force (CETF)



MARINUS ANALYTICS

FEBRUARY 6, 2019

PITTSBURGH PARTNERSHIPS ASSIST FEDERAL LAW ENFORCEMENT IN NATIONWIDE SEX TRAFFICKING TAKEDOWN

PITTSBURGH—February 6, 2019—The Pittsburgh non-profit [National Cyber-Forensics and Training Alliance \(NCFTA\)](#) in partnership with [Marinus Analytics](#) and the [Auton Lab at Carnegie Mellon University \(CMU\)](#) supported federal law enforcement in a [nationwide sex trafficking takedown](#).

An organized crime ring was indicted in January on charges of operating Asian brothels in 12 U.S. cities and Toronto. The

<https://www.justice.gov/usao-or/pr/nationwide-sting-operation-targets-illegal-asian-brothels-six-indicted-racketeering>

<https://www.marinusanalytics.com/articles/2019/02/06/pittsburgh-partnerships-assist-federal-law-enforcement-in-nationwide-sex-trafficking-takedown>

SYSTEMIC TRAFFICKING

Silent victims: the hidden Romanian women exploited in the UK sex trade

- “Sex traffickers can make profits of over £1m a year per brothel – and Covid lockdowns have only made it easier for them to operate”
- “Decade ago we knew where the brothels and massage parlours were in Greater Manchester. Now everything is done online”
- “During lockdown, outreach services have been cut, GP surgeries are closed, people aren’t out on the street seeing addresses where suspicious activities may be occurring,” he says.

SOURCE: https://www.theguardian.com/global-development/2020/nov/30/silent-victims-the-hidden-romanian-women-exploited-in-the-uk-sex-trade?CMP=Share_iOSApp_Other



Safeguarding

A VICTIM CENTERED APPROACH

- Placing the crime victim's priorities, needs, and interests at the center of the work with the victim.
- Providing nonjudgmental assistance, with an emphasis on self-determination, and assisting victims in making informed choices.
- Ensuring that restoring victims' feelings of safety and security are a priority and safeguarding against policies and practices that may inadvertently re-traumatize victims.
- In the context of enforcement operations, a victim-centered approach means the enforcement agency places **equally high value** on the identification, assistance, and protection of victims as on the investigation and prosecution of perpetrators.

A victim-centered approach entails a trauma-informed, survivor-informed and culturally competent approach.

Online Sex Work

A DEFINITION

Growth in online sex work is a major theme in pandemic and post pandemic landscape. Online Sex Work can be loosely broken into two categories:

- The **first** involves the use of the Internet to actually *deliver* a service. This includes webcam modeling, phone sex, and virtual reality experiences; as well as the selling of photos and videos. Social Media is one of the primary delivery methods.
- The **second** type refers to the use of the Internet to market sexual services that are delivered in physical space. Most commonly, workers in this category use the Internet to facilitate eventual in-person interactions (e.g. by marketing services, screening clients, making appointments, etc.).

VICTIM SERVICES

Increased teaming between victim-services and police

- Example from Durham Regional Police Human Trafficking Unit (Canada)
- Karly Church, victim-survivor, teams with police as crisis intervention counsellor
- "I want to instill hope," Church says. "I want them to see that there is a way out, and there is the ability that they can reach any goal that they have for themselves. That you don't have to be stuck, that there are people who care."



Karly Church is a human trafficking survivor who works in collaboration with the Durham Regional Police Service Human Trafficking Unit, going with them on operations to help council and support people trapped in the sex trade. (Evan Mitsui/CBC)

SOURCE:<https://www.cbc.ca/news/canada/national-human-trafficking-1.5459509>

CONVERSATION COACHING

Launched a Podcast Series in 2021

- How people engage with one another is a complex process
- Podcast provides daily doses on tips for motivational interviewing
- Capturing shared experiences and spreading best practices among a global human trafficking investigator community

