

Revolutionary Technology

Empowering Victims, Equipping Officers

vastweb.org

Human & Sex Trafficking, a Pandemic Human Rights Problem

Human and sex trafficking is an immensely wide spread, lucrative, and nefarious industry sprawling all corners of the world. According to the International Labor Organization (ILO), human trafficking is a \$150 billion-dollar industry comprised of over 40 million victims globally. Human and sex trafficking does not discriminate against its victims and target people of any nationality, ethnicity, age, health, or gender.

One aspect of combating human trafficking is to provide a standardized computing and event case management framework that collects, stores, and retrieves essential elements of information necessary to support local, county, state, tribal, and federal law enforcement communities with a reporting, referencing, and automated tracking mechanism. VAST establishes a case management system that will aid law enforcement officers, investigative branches, and prosecutors in the identification of potential victims of human and sex trafficking that in turn, can also help law enforcement efforts in identifying potential facilitators and their criminal networks. Developing a comprehensive case management system will facilitate information sharing and collaboration across state lines expanding situational and geographic awareness of trafficking activity that may have overlapping consequences across a multitude of jurisdictions (with the goal of expanding this capability internationally). Transnational Organized Crime (TOC) and other criminal networks have full understanding of law enforcement's limitations during an encounter and employ brutal tactics and priming methods to silence trafficking victims and witnesses.

Force Multipliers

Presently, there is a disconnect between all echelons of the law enforcement community in the collection, processing, and dissemination of information regarding victims of human trafficking and their perpetrators. Field research findings revealed that local, state, and tribal law enforcement communities do not have a common reporting system for victims of human trafficking despite having had encounters with law enforcement during forced prostitution events. Furthermore, not all state and local agencies have access to federal systems that may contain vital information regarding criminal networks and enterprises operating in their areas of responsibility. Moreover, local, state, and federal law enforcement officers, investigators, and prosecutors do not have a common operating platform to conduct checks against known victims or perpetrators or a system to introduce newly identified victims and perpetrators. This gap in understanding of the operating environment is further hindered when victims are moved across state lines or cross-country that limits law enforcement awareness of victims encounters with other law enforcement agencies.

Systematic Approach

SharpSwitch and the Intoku Group's goal is to partner with the law enforcement community through collaboration technology support by aiding in the identification and protection of victims through our Victim Assistance Search Tools (VAST) Web Suite that will synchronize and enable information sharing and prompt collaboration across federal, state, tribal, and local law enforcement with the end game of helping remove victims from the grasp of criminal enterprises and help with the prosecution of human traffickers nationwide and internationally.

Technology

Due to the high demands and time constraints of the law enforcement community, VAST Web will possess Biometric Identity Resolution and Social Media Exploitation capabilities and fed corporate and government data sources to aid in the discovery of human trafficking operations, locations of victims, and the detection of illegally obtained proceeds. Artificial intelligence to recognize illegal activity VAST Web will provide case management functionalities that will help law enforcement link relationships of property, multi-modal travel, social media, conveyances, and pertinent law enforcement, private, and government data sources. VAST Web will also deploy a mechanism for public reporting of suspicious activity from any web-enabled device. VAST Web will be limited to law enforcement agencies whose mandate is to detect, track, and assist in the prosecution of persons involved in human and sex trafficking. VAST Web will comply with Criminal Justice Information System (CJIS) requirements.

Alarmingly Low Prosecutions / Convictions

Human Trafficking is Big Business

\$99 billion (Commercial Sexual Exploitation)

\$34 billion (Construction / Manufacturing)

\$9 billion (Agriculture / Fishing)

\$8 billion (Forced Labor)

40 million + victims globally

Conviction Success Rate: .0002%

14,894 Prosecution Globally

9,071 Conviction Globally

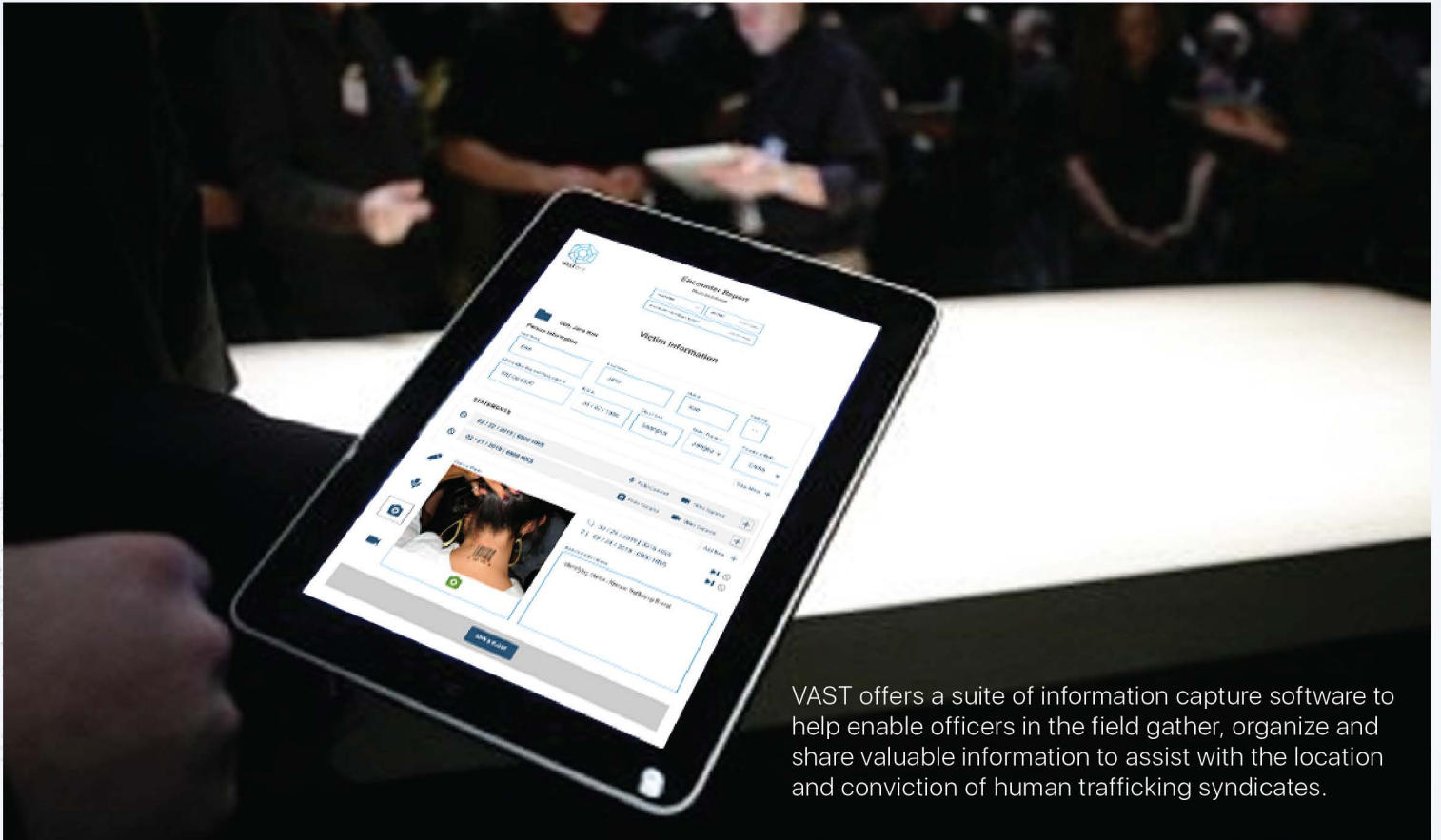
2017 DOJ Report



Human trafficking is a \$150 billion-dollar industry



Problem: Potential Information Loss



VAST offers a suite of information capture software to help enable officers in the field gather, organize and share valuable information to assist with the location and conviction of human trafficking syndicates.

Solution: Mobile Incident Reporting

Victim Centric: Securing Trust

Photo & Biometric Capture

Real Time Native Language Translation

Standardized Interview Questionnaires

Live Link / Integrated Analysis Tools

Problem: Identity Resolution



Solution: Identity Reconciliation / Vetting Operations

Combining Multiple Identifiers

Cross Device Identification

Multimodal Biometrics Based Identity Management

Multi-source Facial Recognition Mapping

Problem: Limited Information Sharing



The screenshot displays the VASTWEB dashboard interface. At the top, there is a navigation bar with tabs for Dashboard, Cases, Persons of Interest, Contacts, Map, and Known Sites. The user profile shows 'Person Last, Person First' as an Officer in City, State.

The main dashboard area includes several key sections:

- RECENT CASES:** Lists three cases with IDs 12345670, categorized as New, Critical, and Warning.
- LOCATION ACTIVITY:** A line graph showing activity across New Orleans, Denver, CO, and New York, NY. A specific incident is highlighted: 'INCIDENT-012 Today, 8:27 AM'.
- Updates to My Tracked Individuals / Cases:** A map view showing tracked locations and updates.
- Newly Posted Solicitations:** A list of URLs and a summary showing 527 solicitations in the last year, with a +140 increase in the last 5 months and +12 in the last week.
- HIGH PROFILE INDIVIDUALS:** A section for 'Current' individuals, showing a person with 24 photos, 34 sittings, and 12 locations. It also lists 'Known Associates'.
- CONTACTS:** A table listing contacts with columns for Name, Location, and Type.

Name	Location	Type
1BC Person, Name Mi	Seattle, WA, USA	Witness
08B Person, Name Mi	Bend, OR, USA	LE
0CC Person, Name Mi	Bellevue, WA, USA	Victim
0CP Person, Name Mi	Austin, TX, USA	Subject
- REPORTS FILED:** A large number '3254' representing 'Missing Persons', with a note that it is 21% more than average and includes '+5 new this month' and 'top 5 for connections'.

The right sidebar, titled 'PERSONS OF INTEREST', contains a search bar and a list of recent activity:

- Scott T.:** Arrested for assault in Nashville, TN. Code 1234567 on 03 / 01 / 2019... (Action: ARREST)
- Sarah P.:** Witness statement taken in association with case ID 12345678 on 02 / 12 / 2019 (Action: INTERVIEW)
- Max K.:** Added Subject to Case ID 765432 (Action: ADDED TO CASE)
- Carlye S.:** Added Missing Person. New Case ID - 0987 (Action: VICTIM)

Solution: Case Building & Management

Continuous Monitoring / Alerting of Targets, Victims & Businesses

Social Media / Law Enforcement Databases Data Pulls

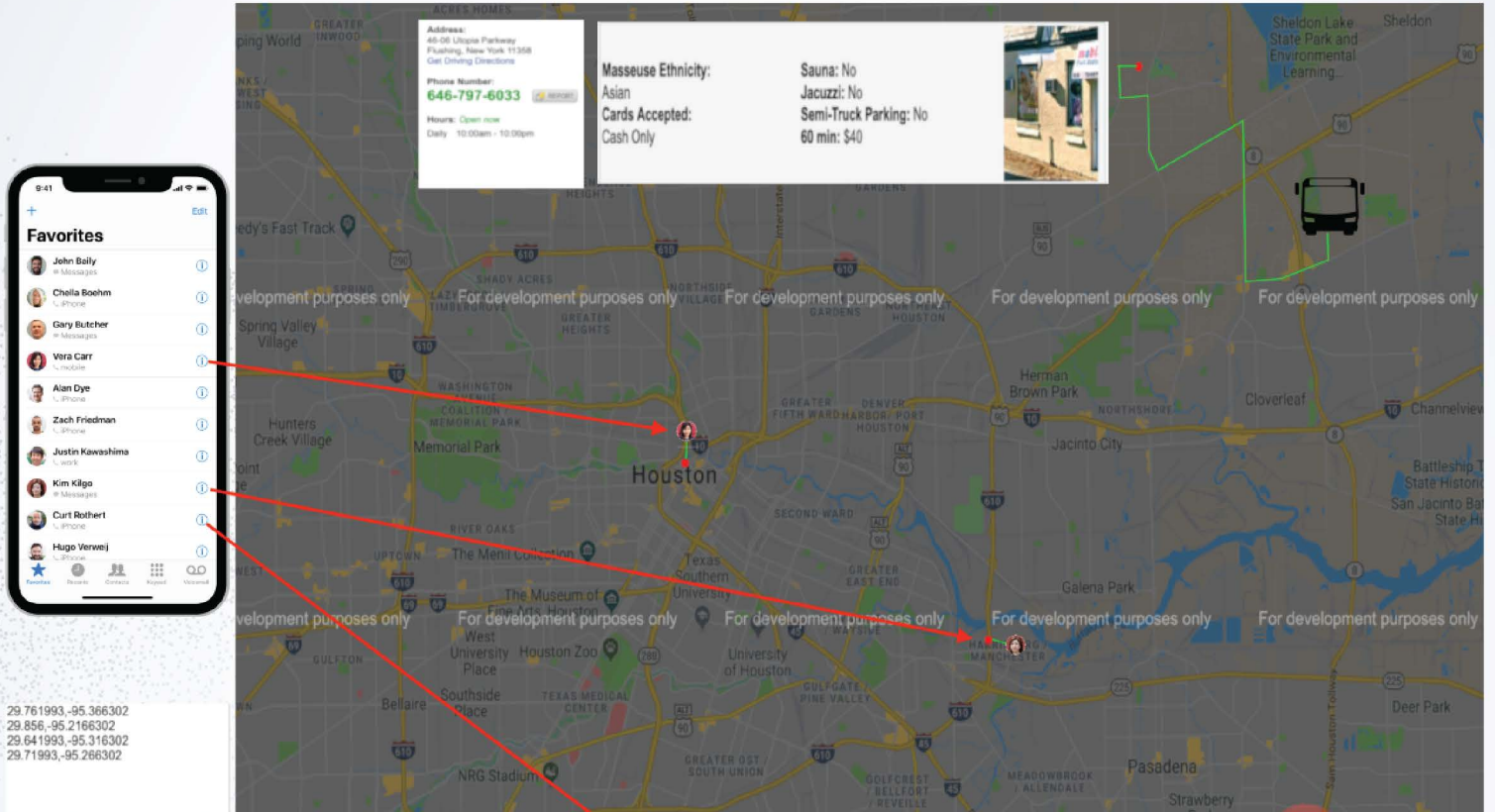
Shared Case Data within Law Enforcement Communities

Lead Generation & Connection A.I. Modeling

Collaboration Suites / Message Boards

Real Time Alerts & Reporting

Problem: Inability to Detect Trafficking Routes & Patterns



Solution: Geo Tagging Tracking & Advanced Data Modeling

Transportation Schedule Mapping

Predictive A.I. Patterning

Case Connection Mapping

Interstate Nexus

Missing & Exploited Children Searches

Problem: Tracking Funding Sources of Human Trafficking



Solution: Financial Transaction Analysis

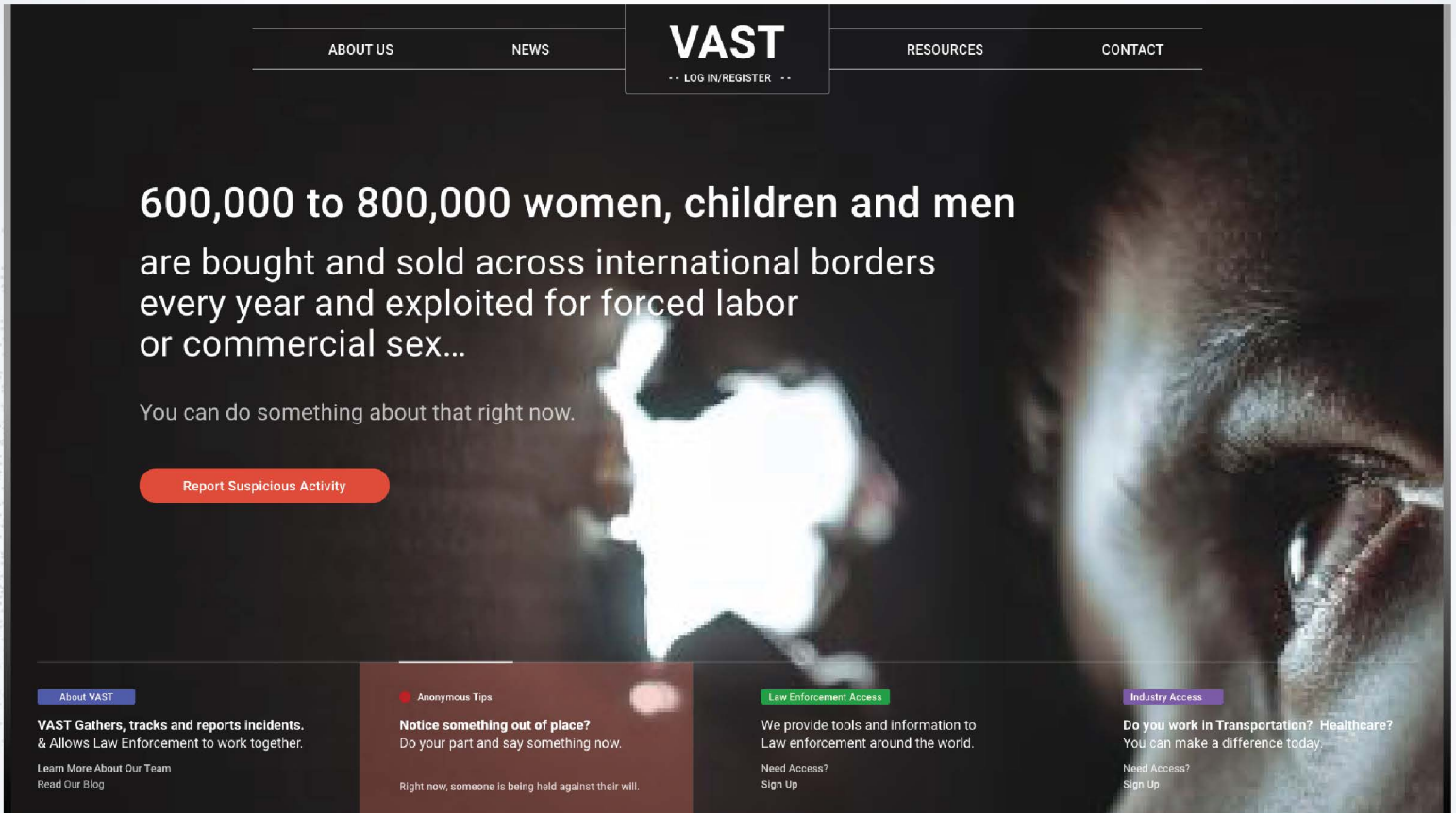
Complex Financial Analytical Support

Identify & Investigate Financial Activities affiliated with Trafficking

Develop Pattern Profiles / Trend Analysis of Illicit Financial Activities

Isolate Groups / Actors Utilizing Financial Institutions

Problem: Lack of Public Involvement



The screenshot shows the VAST website homepage with a dark background and a close-up image of a person's face. The navigation bar includes 'ABOUT US', 'NEWS', 'VAST -- LOG IN/REGISTER --', 'RESOURCES', and 'CONTACT'. The main content area features a headline: '600,000 to 800,000 women, children and men are bought and sold across international borders every year and exploited for forced labor or commercial sex...'. Below this is a sub-headline: 'You can do something about that right now.' and a red button labeled 'Report Suspicious Activity'. The footer contains four columns of information: 'About VAST', 'Anonymous Tips', 'Law Enforcement Access', and 'Industry Access'.

ABOUT US NEWS **VAST** -- LOG IN/REGISTER -- RESOURCES CONTACT

600,000 to 800,000 women, children and men
are bought and sold across international borders every year and exploited for forced labor or commercial sex...

You can do something about that right now.

[Report Suspicious Activity](#)

About VAST
VAST Gathers, tracks and reports incidents. & Allows Law Enforcement to work together.
[Learn More About Our Team](#)
[Read Our Blog](#)

Anonymous Tips
Notice something out of place?
Do your part and say something now.
Right now, someone is being held against their will.

Law Enforcement Access
We provide tools and information to Law enforcement around the world.
Need Access?
[Sign Up](#)

Industry Access
Do you work in Transportation? Healthcare?
You can make a difference today.
Need Access?
[Sign Up](#)

Solution: Public Engagement Gateway

Educational Tools

Anonymous Tip-Line & Mobile App Interface

Connecting Law Enforcement & Industry Professionals

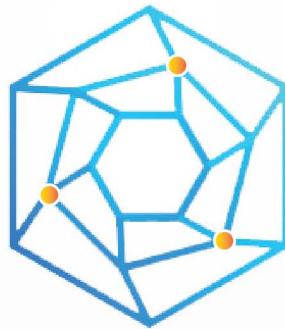
Victim Support / Outreach Programs

Providing Victims Support Tools to Heal & Help Rebuild their Lives

Who we Are

VAST Web, a Delaware based nonprofit formed in 2019, seeks to inform and contribute to the law enforcement community's efforts to bring child exploitation & human trafficking to an end. Through our Victim Assistance Search Tools (VAST) Web Suite, we seek to synchronize and enable information sharing, as well as prompt collaboration across federal, state, tribal, local, as well as international law enforcement organizations.

VAST Web corporate board is made up of law enforcement professionals whose careers specialize in combatting the serious problem of Human trafficking and child exploitation as well as technology industry leaders with over 30+ years of experience providing the next generation of technology and sophisticated processes to challenge criminals around the world.



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References / Sites

<https://www.htspotlight.com>

<https://humantraffickinghotline.org>

<https://endslaveryandtrafficking.org>

The Alliance to End Slavery and Trafficking (ATEST) is a U.S. based coalition that advocates for solutions to prevent and end all forms of human trafficking and modern slavery around the world.

We advocate for lasting solutions to prevent labor and sex trafficking, hold perpetrators accountable, ensure justice for victims and empower survivors with tools for recovery. Our collective experience implementing programs at home and abroad provides our coalition an unparalleled breadth and depth of expertise.

ATEST Member Organizations

Coalition of Immokalee Workers (CIW)

CIW is a community-based farm worker organization headquartered in Immokalee, Florida that has aided in the liberation of more than 1,000 workers from modern slavery.

Coalition to Abolish Slavery & Trafficking (CAST)

Based in Los Angeles, CAST provides comprehensive social and legal services to survivors of all forms of human trafficking in the United States. It also conducts extensive outreach, advocacy, and training efforts based on a survivors-centered approach to ending modern slavery.

Free the Slaves

Free the Slaves liberates slaves, helps them rebuild their lives, and changes the economic, legal and social systems that allow modern slavery to exist. Through innovative grassroots community organizing projects, rigorous evaluation and groundbreaking research, targeted advocacy, and compelling communications and public engagement, Free the Slaves is helping show the world that ending slavery is possible.

Human Trafficking Institute

The Human Trafficking Institute is combating slavery at its source by empowering justice systems to stop traffickers. Working inside criminal justice systems, the institute provides the embedded experts, world-class training, investigative resources, and evidence-based research necessary to free victims.

National Network for Youth (NN4Y)

NN4Y is the nation's leading organization advocating at the federal level to educate the public and policymakers about the needs of homeless and disconnected youth. We are a membership organization of service providers, state agencies, coalitions, advocates and individuals who work toward our vision of a world where vulnerable and homeless youth can escape the dangers of the streets and access safety, youth-appropriate services, hope and healing.

Polaris

Polaris is a leading nonprofit organization committed to combating human trafficking and modern slavery in the United States. By successfully pushing for stronger federal and state laws, operating the National Human Trafficking Resource Center hotline (1-888-373-7888), conducting trainings, and providing vital services to victims of trafficking, Polaris creates long-term solutions that move our society closer to a world without slavery.

Safe Horizon

Based in New York City, Safe Horizon is the nation's leading victim assistance organization and helps more than 250,000 people each year who have been affected by child abuse, domestic violence, human trafficking or other violent crimes.

Solidarity Center

The Solidarity Center strengthens workers' economic and political power by promoting an international movement for democracy and social justice—where governments enforce, and employers respect, workers' rights. The center uses its expertise to combat some of the worst forms of labor exploitation, including forced labor, human trafficking, and migrant worker exploitation.

T'ruah: The Rabbinic Call for Human Rights

T'ruah brings together rabbis and cantors from all streams of Judaism, together with all members of the Jewish community, to act on the Jewish imperative to respect and advance the human rights of all people. Grounded in Torah and our Jewish historical experience, and guided by the Universal Declaration of Human Rights, we call upon Jews to assert Jewish values by raising our voices and taking concrete steps to protect and expand human rights in North America, Israel and the occupied Palestinian territories.

United Way Worldwide

The United Way Center on Human Trafficking & Slavery believes that it is possible to end human trafficking and modern-day slavery in our generation and is mobilizing civil society, governments and businesses to that end. Founded in 2015, we are focused on mobilizing a collaborative effort across sectors, building public and political will needed to spur greater action and expanding comprehensive solutions to the communities around the world.

Verité

Verité is a Massachusetts-based nonprofit organization that works with major brands and suppliers to assess and improve working conditions worldwide. The organization works to combat slavery and labor trafficking in global supply chains.

Vital Voices Global Partnership

Vital Voices Global Partnership identifies, invests in and brings visibility to extraordinary women around the world by unleashing their leadership potential to transform lives and accelerate peace and prosperity in their communities.