

IBM, Stop the Traffik, Western Union, Barclays, Lloyd's Banking Group, Liberty Global, Europol and University College London Unveil International Data Hub to Combat Human Trafficking

Universities, Law Enforcement, NGOs and Financial Institutions Use AI and IBM Cloud-Based Traffik Analysis Hub (TAHub) to More Rapidly Analyze Incidents of Human Trafficking

London, UK - 18 Oct 2018: Despite an increased awareness of human trafficking efforts to manually track and counter the issue through legislation, preventative measures and enforcement, these initiatives have been fragmented and ineffective—modern slavery is still pervasive in almost all communities. IBM, STT, Western Union, Barclays, Lloyd's Banking Group, Liberty Global, Europol and University College London are unveiling the Traffik Analysis Hub (TAHub), an impactful collaboration to more easily facilitate the exchange of information about human trafficking across organizations.

Using [Watson Natural Language Understanding](#), the TAHub has been trained by the IBM Ireland Lab with search terms by STT and other stakeholders for human trafficking incidents, such as exploitation type and demographic details. The TAHub uses machine learning and structured data from contributors to identify the characteristics of human trafficking incidents (e.g. means of transport and recruitment). And with IBM i2, analysts will also be able to visually analyze the enriched data and combine it with additional data sources to identify trafficking networks, patterns and hotspots to drive intelligence led collaboration.

IBM Watson Discovery is specifically trained on human trafficking terms and by using machine learning capabilities, ingests open sources of data at scale from multiple sources – such as thousands of daily public news feeds. By training the hub over time, it will improve in accuracy and likely develop predictive capabilities.

"The market is rapidly adopting AI and cloud-based platform models to address siloes across their functions, increase client satisfaction and revenue share," said Guillermo Miranda, Vice President of IBM Corporate Citizenship. "We're using the same emerging technologies and applying similar design principles to help the organizations working to save the millions of men, women and children who are trafficked in countries around the world."

"Today's event and the announcement of the Traffik Analysis Hub ('The Hub') marks the culmination of more than four years of collaborative work with STT. Western Union firmly believes that adopting a multi-agency approach is the most effective path to take to tackle the exploitation and trafficking of people," said Duncan Deville, SVP and Global Head of Financial Crimes Compliance from Western Union.

"This initiative is a huge step forward in bringing together information from across multiple sectors, including NGOs, law enforcement partners and financial services, where we can take a truly intelligence-led approach to proactively tackling human trafficking," said Paul Horlick, Director Financial Intelligence Unit, Barclays Financial Crime.

"The creation of the Traffik Analysis Hub is an important event in the fight against human trafficking and modern slavery. It is an institutional and structural development to society, industry and hopefully rule of law that will allow much greater data and information sharing and therefore potentially greater trust and

collaboration," said Duncan Jepson, Managing Director, Liberty Global.

"Trafficking in human beings is one of Europol's main concerns in any of its forms, be it sexual exploitation, labour exploitation, forced marriage. Therefore, we are very pleased to support STOP THE TRAFFIK in the fight against this crime. We see great potential in this initiative, not only for better prevention and detection of human trafficking cases, but also for a further understanding and awareness raising. We are sure that the technical development of a system that enables data sharing between law enforcement, NGOs and the private sector will help to combat trafficking in human beings on a global scale," said Robert Črepinko, Head of the European Migrant Smuggling Centre of Europol.

"The TAhub brings together two very promising elements: a truly cross-sector multi-agency partnership and an innovative technical approach. We are excited to be on board in our role as project evaluators. Such new initiatives are essential to developing evidence concerning the nature of trafficking and ultimately designing more effective solutions," said Professor Kate Bowers of University College London.

The Data Hub platform will run in a secure IBM Cloud-hosted environment with access granted to authenticated members only. Memberships to the data hub for other organizations combatting human trafficking will be available soon.

Contact(s) information

Lucy Linthwaite

External Relations Leader UK&I +44-020 7021 8911 lucy.linthwaite@uk.ibm.com

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