



## REAL-TIME DATA INTERACTIVE MIGRATION TRACKER IN CENTRAL AMERICA

RIWI seeks feedback and interest to partner on the development of a continuous data feed that identifies the root causes of migration in Central America. Leveraging RIWI's technology, RIWI will develop a dashboard that integrates administrative data, reported security incidents, social media listening, news monitoring and online population sentiment tracking that will monitor changes over time, test hypotheses, and form the basis of future predictive modeling.

### THE CHALLENGE

RIWI data<sup>1</sup> show that the people who start the migration process are driven by a lack of economic opportunities at home, threats of violence and insecurity, and a lack of future educational and training prospects. But it is not enough to understand why people migrate. Today, we have the technology to reach people and inform their decisions in how they weigh the costs and benefits of migrating. Current data on migration relies on irregular estimations of migrant stock estimates, reported security incidents, and official administrative statistics collected by governments, UNHCR, IOM, and UNOCHA. However, none of these data capture information from people who are migrating themselves.

**Exposure to dis/misinformation drives people to take unnecessary risks**

Today, people migrating to the United States have more information than ever, yet it is those very sources of information that can mislead people into taking unnecessary risks. Cell phones are one of the very few and important assets for any person making the treacherous journey to the United States. RIWI can tap into this resource to understand their intentions and to counter false narratives.

**We are eager to hear your feedback and interest in supporting the development and scope of this platform. Contact Natasha Hsi, Vice President, International Development at [natasha.hsi@riwi.com](mailto:natasha.hsi@riwi.com).**

### A NEW TECHNOLOGY SOLUTION

RIWI's web-intercept technologies, including patented Random Domain Intercept Technology (RDIT), can rapidly and continuously capture randomized, global human sentiment and experience data. RIWI data collection is fully anonymous, which encourages authentic responses to questions assessing sensitive topics, such as fear of violence and extortion which are not usually easily answered through phone or in-person surveys. Using real-time data to support traditional sources of data can provide decision-makers with actionable insight.

RIWI's data platform could be used to aggregate traditional and new types of data to understand migration in Central America and proactively reach potential migrants.

### USES OF RIWI TECHNOLOGY

- Understand how social networks inside the U.S. and in home countries impact financial capability and motivation to migrate.
- Which sources of information do people use to hire coyotes and decide on migration routes?
- Understand how communities interact with people who are migrating, particularly when people migrating end up in limbo in intermediate countries?
- Assess how people from Venezuela, Haiti and other countries differ from Central Americans in their risk/benefit calculations.
- Launch wide-reaching strategic messaging to combat misinformation about the dangers of migrating and ease of asylum policies to get into the United States.
- Test out messages that are most effective in dissuading people to make the journey through illegal avenues.
- Redirect people to accurate sources of information for assistance depending on their location.

<sup>1</sup> "The Complex Motivations and Costs of Central American Migration." Migration Policy Institute November 2021.

[https://www.migrationpolicy.org/sites/default/files/publications/mpi-wfp-mit\\_migration-motivations-costs\\_final.pdf](https://www.migrationpolicy.org/sites/default/files/publications/mpi-wfp-mit_migration-motivations-costs_final.pdf). RIWI conducted the online surveys in El Salvador, Guatemala and Honduras.