

Using Babel Street to Improve Force Protection and Military Readiness

In today's strained and unpredictable geopolitical environment, military and government leaders face significant challenges optimizing force protection and maintaining military readiness. While obtaining the right insight is crucial to both tasks, agencies often find their intelligence efforts hampered by outdated and inefficient technological tools. The incorrect or imprecise insight provided by these tools can lead to missed opportunities and compromised operations.

To improve intelligence, government and military organizations must connect the dots across vast amounts of data published in a huge array of multilingual sources. In addition, they need to swiftly analyze information to identify and neutralize potential threats. In short, they need a transformative approach to obtaining insight.

What Babel Street offers

Babel Street's AI-driven open-source intelligence solutions provide the real-time insight needed by government and military organizations. For example, the Babel Street Insights data analytics platform offers multilingual, persistent search of thousands of sources of publicly available and commercially available information (PAI/CAI) worldwide. This includes data emanating from hard-to-reach sources on the deep and dark web. It understands information published in more than 200 languages, then translates it into the user's language of choice.

This capability provides the sustained situational awareness agencies need to spot threats and prevent them. It can spotlight threats as diverse as increased levels of adversarial military activity, and geopolitical maneuvers occurring around black swan events such as COVID-19.

Further, Babel Street Insights' machine-learning algorithms can monitor locations of interest, including locations with a foreign military presence (for example, Russian troops in Ukraine). Commercial telemetry data — available to

approved government organizations — can identify signals from mobile devices, revealing travel patterns.

A sampling of Insights use cases includes:

- Using geospatial data to assess battlefield terrain, fortifications, and logistics hubs
- Obtaining near real-time updates on battlefield movements
- Tracking the activity of extremist groups, especially in relation to activity near military bases abroad, embassies, and similar outposts
- Monitoring hacker forums and other dark web sites for threats against power grids, water systems, and other vital infrastructure components
- Tracking civilian humanitarian need caused by battle
- Assessing the readiness of adversarial forces

Improving force protection and military readiness with Babel Street

To improve force protection and military readiness, Babel Street users can:

Create detailed queries around military movements

One way to begin a search is to isolate a specific location. In the current Ukraine conflict, searching by a location along the forward line of active conflict is a good way to obtain the latest battlefield updates, troop movements, and maps depicting areas of control. Babel Street allows users to glean insights from Russian social media and news sources, along with allied or friendly news sites. Understanding troop movements and battlefield geometry from both sides is important for deconflicting ground truth.

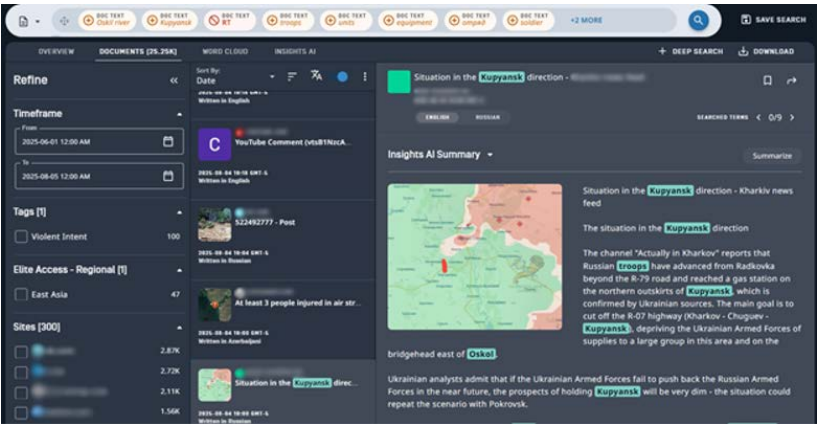


Figure 1: An Insights search focused on a specific geographic area

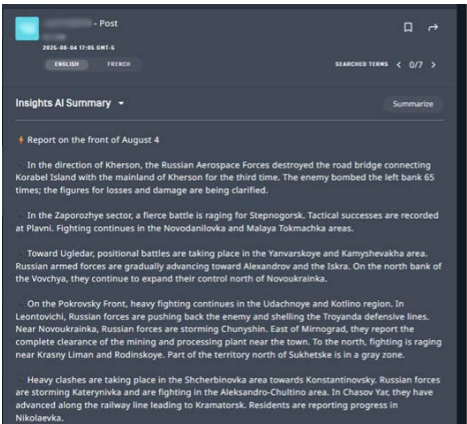


Figure 2: A post from a Russian social media site describing conditions on the ground

Monitor specific military units

Users can create a query to monitor specific military units across the information environment. Users can establish persistent searches for any mentions of particular units and receive alerts when that search query is triggered.

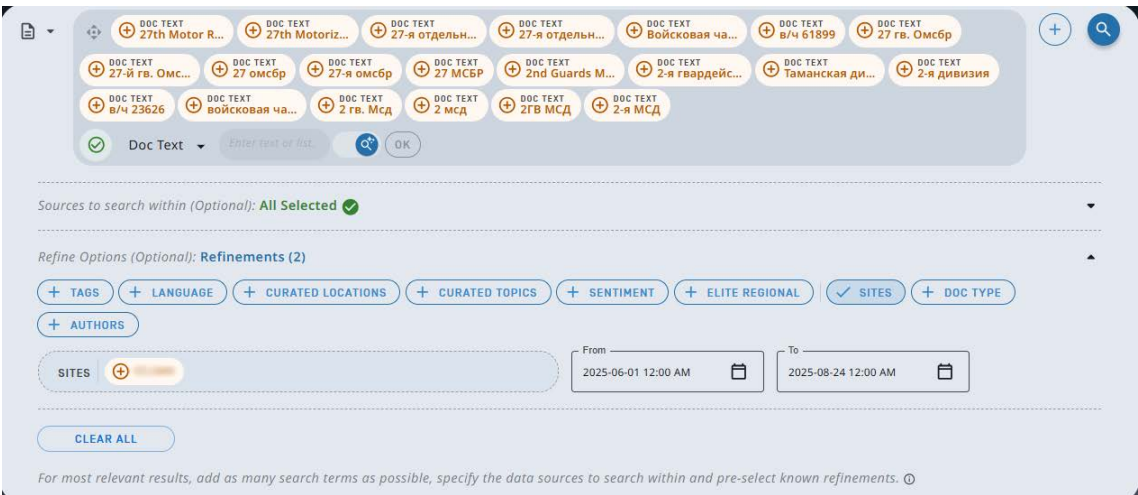


Figure 3: A search query for specific military units

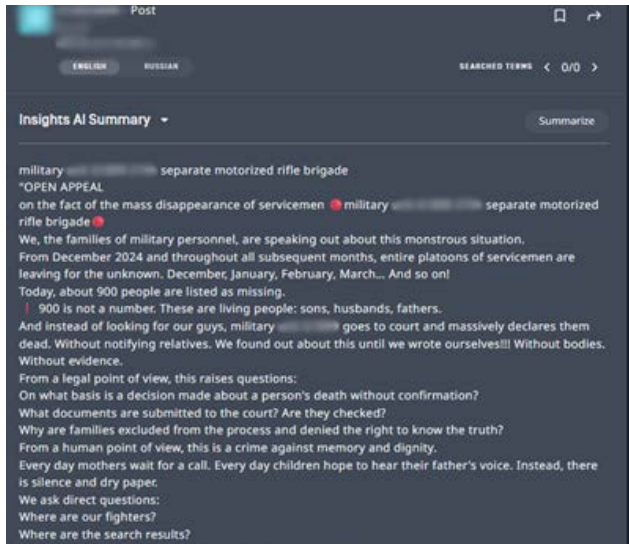


Figure 4: A social media post from families of Russian servicemen

Perform battle damage assessment

In addition to tracking troop movements and battlefield updates, Babel Street helps users glean insights into troop losses and battle damage assessment (BDA). For example, by looking at Russian social media, analysts will find letters and pleas from family or friends of loved ones who were likely killed in action.

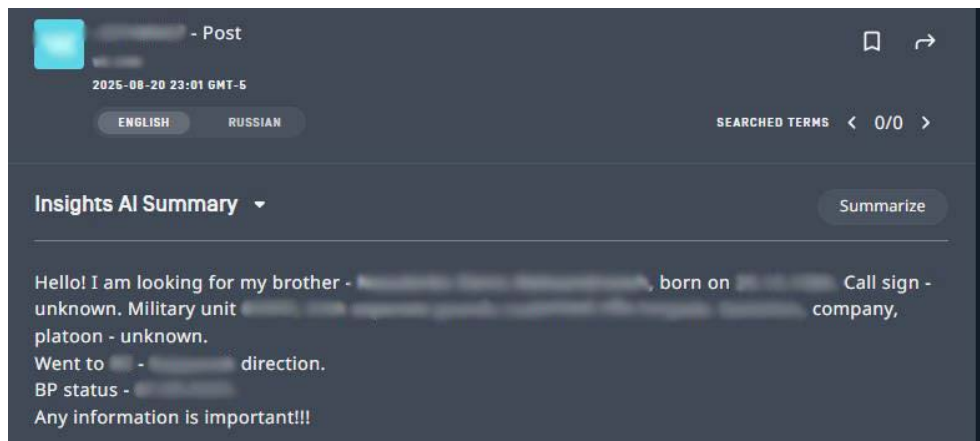


Figure 5: A Russian social media post searching for news about a serviceman

Babel Street is the trusted technology partner for the world's most advanced identity intelligence and risk operations. The Babel Street Insights platform delivers advanced AI and data analytics solutions to close the Risk–Confidence Gap.

Babel Street provides unmatched, analysis-ready data regardless of language, proactive risk identification, 360-degree insights, high-speed automation, and seamless integration into existing systems. We empower government and commercial organizations to transform high-stakes identity and risk operations into a strategic advantage.

Learn more at babelstreet.com.