



# AI-Powered Publicly Available Information (PAI) Exploitation

**Scalable, customizable and powerful big data solutions that improve situational awareness and enable faster decision-making**

## PETABYTE SCALE DATA INGEST

HII has strong capabilities in system design and system architecture. We leverage these capabilities to build customized solutions for our customers, allowing them to exploit PAI using artificial intelligence (AI) and machine learning (ML) to assess the impacts of friendly and adversarial information operations, influence or derail disinformation efforts, provide near real-time indications and warning analysis, monitor troop movements, and identify and assess potential threats.

Our solutions include natural language processing capabilities that enable mission operators to query billions of foreign broadcasts and social media documents in near real-time.

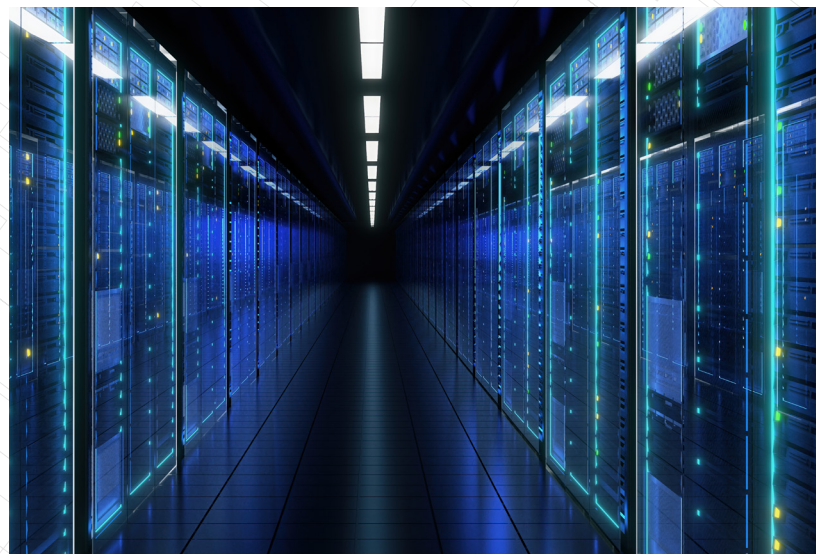
## FULLY CUSTOMIZABLE ANALYTICS

HII's solution includes data acquisition services and AI model integration to deliver fully customizable analytics. Our existing data sources and methods scale to provide relevant, accurate, timely and optimal data flows to meet customers' mission requirements. HII employs an open, unified data model methodology that enables data scientists to explore the collected PAI using existing analysis tools.

**Our framework supports various missions from information operations to enabling cognitive security.**

## FEATURES

- Native language social media search
- Near real-time curated subscription data feed
- Geoinference, bias and profile extraction
- Automated theme/narrative clustering
- Temporal, geospatial, geofenced activity views



### ABOUT US:

HII is a global, all-domain defense partner, building and delivering the world's most powerful, survivable naval ships and technologies that safeguard our seas, sky, land, space and cyber. As America's largest shipbuilder and with a more than 135-year history of advancing U.S. national defense, we are united by our mission in service of the heroes who protect our freedom. HII's diverse workforce includes skilled tradespeople; artificial intelligence, machine learning (AI/ML) experts; engineers; technologists; scientists; logistics experts; and business professionals. Headquartered in Virginia, HII's workforce is 44,000 strong. For more information, visit [HII.com](http://HII.com).



[HII.COM](http://HII.COM)