CPO 68 TRMC OSID – ALQIMI National Security, Inc

Project Summary

SOFWERX, in collaboration with United States Special Operations Command (USSOCOM), Special Operations Forces Acquisition, Technology, and Logistics (SOF AT&L), partnered with the Office of the Under Secretary of Defense Test Resource Management Center (OUSD TRMC) to provide a powerful capability for non-invasively analyzing a global range of Open-Source Intelligence. This capability leveraged Natural Language Processing, machine learning, statistical analysis, and subject matter expertise to process data from social media, Resource Description Framework Site Summary (RSS) feeds, sensors, and other structured, semi-structured, and unstructured data sources, enabling the detection of faint signals and the identification of potential threat areas.

Project Timeline

Project Kickoff:	01 August 2023
TE Event Demonstration:	12 March 2024
TE Event Demonstration:	20 June 2024
TE Event Demonstration:	10 September 2024
Final Report Delivered:	31 December 2024
Project Closeout:	31 January 2025

Resources Consumed

Total Cost: $1,863,526

Project Results

ALQIMI successfully identified, aggregated, and integrated relevant unclassified Publicly-Available Information (PAI) and Commercially-Available Information (CAI)-derived data sources. Utilizing artificial intelligence and machine learning (AI/ML)-powered data analytics technologies, ALQIMI analyzed millions of PAI and CAI-derived sources to identify potential exposure of U.S. test and evaluation events.