



UAS & c-UAS Solutions

About Primer.ai and Amentum.

Primer.ai is a leader in artificial intelligence (AI) and machine learning (ML) technologies, specializing in natural language processing (NLP) to derive actionable insights from vast, unstructured data sources. Primer's solutions support defense and intelligence operations by automating data analysis and enhancing decision-making processes.

Amentum is a global leader in providing technical and operational services to support complex missions in defense, security, and intelligence. With extensive experience in countering UAS threats and deep subject matter expertise, Amentum delivers mission-critical solutions that address emerging security challenges for military and government clients worldwide.

Counter-UAS Left-of-Launch Solution

Proactive Protection in a Drone-Dominated Battlespace

In a drone-dominated battlespace, Proactive Protection is crucial for maintaining superiority and safety. Utilizing advanced detection and countermeasure technologies, our systems provide near real-time monitoring and rapid response to neutralize aerial threats. This ensures commanders can secure missions and navigate complex environments with confidence.

The Challenge

- **Escalating threat** — Adversaries exploit unmanned aircraft systems (UAS) ranging from hobby drones to state-sponsored platforms for ISR, disruption, and kinetic strikes
- **Reactive Posture** — Current counter-UAS (c-UAS) approaches engage only after a drone is airborne, reducing response time and exposing personnel and infrastructure
- **Operational Gaps** — Fragmented intelligence, analyst overload, and lack of predictive tools create vulnerabilities. Dry runs and ISR missions often go undetected until it's too late

The Solution: Left-of-Launch Counter-UAS

OSINT c-UAS, developed by Amentum and Primer.ai, delivers anticipatory defense by detecting and neutralizing threats before launch.

- **Advanced Data Fusion** — Integrates open-source intelligence (OSINT), RF telemetry, sensor data, and proprietary datasets
- **AI-Driven Insights** — Primer's NLP and machine learning transforms structured and unstructured data into actionable intelligence
- **Predictive Analytics** — Timeline construction, entity fusion, and RAG-V engine anticipate adversary behavior
- **Mission-Ready** — Proven support across DOD and Intelligence Community with IL5 authority to operate

Key Benefits

- **Proactive Defense**
Detect threats in planning stages, not after drones are airborne
- **Enhanced Mission Awareness**
Provides commanders predictive briefings and threat profiles
- **Force Multiplier**
Reduces analyst workload through automation and real-time fusion
- **Survivability & Mission Assurance**
Protects deployed teams and critical infrastructure
- **Seamless Integration**
Complements existing c-UAS sensors and systems

Contact Us

Art Boghozian

art.boghozian@amentum.com