



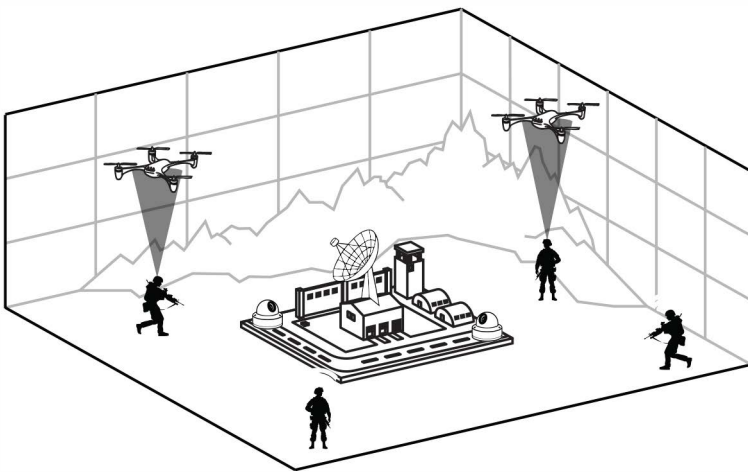
ATAK Plug-In Every Soldier Becomes A Sensor

Automated UAS Detection For ATAK

Anomaly Federal is building a TAK/ATAK plug-in to crowdsource intelligence from every soldier in the field. Once activated, our computer vision platform utilizes the TAK/ATAK optical sensor to continuously scan the skies, automating UAS detection. Our solution is being designed to integrate into your existing ISR infrastructure, filling the gaps of traditional sensors, and allowing you 10 hours of battery life.

Computer Vision For Automated UAS Detection

Our CV detects and classifies UAS and other aerial objects today, and is optimized for lightweight, real-time deployment. With our automated CV Engine, we can train our AI to detect any object you wish to detect.



Anomaly Federal Alert Network Activation

ZERO-SHOT PRE-LABELING

~94.5% true positive rate on UAS pre-labeling, minimizing human review for dataset curation.

YOLO TRAINING FOR DEPLOYMENT

Lightweight models optimized for real-time inference in resource-constrained environments, performing at 92% accuracy.

OPTIONAL SEMANTIC SEGMENTATION

Ground exclusion to reduce false positives and boost detection precision.

REAL-WORLD DATASET

Proprietary 20k videos from uncontrolled environments (compare to staged UAS datasets).