

TacOS

Execute Autonomy Anywhere.

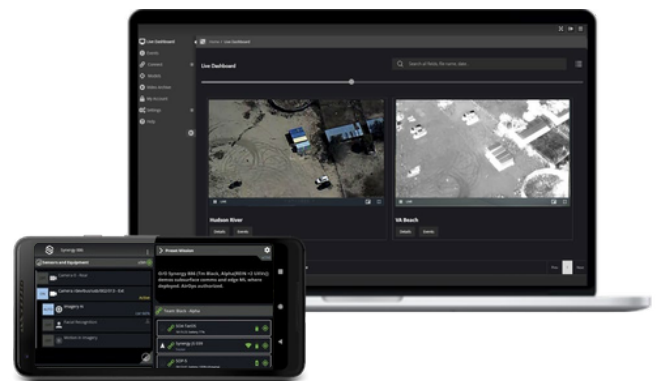
TacOS revolutionizes military operations with its AI/ML edge technology and a comprehensive surveillance view, automating routine tasks to focus operator attention on critical decisions. Built for the toughest environments, it turns raw sensor data into actionable intelligence. No cloud. No developers. No delay.

TacOS is Built to Perform Where Others Fail

Traditional systems fail in contested, disconnected conditions. They're bulky, power-hungry, and dependent on constant connectivity.

TacOS is built for the fight: lean, resilient, and always ready to deliver intelligence at the edge.

- **Edge fusion & inference:** Multi-sensor ingest with accelerated runtime (GPU/NPU).
- **Policy on the node:** Executable ROE with reason-coded, replayable logs and tiered fidelity gates (token > feature > snippet).
- **Portable decisions:** Tokens/tracks to standard TAK/COP topics; common buses (CoT/MQTT/gRPC).



- > TRUE EDGE PROCESSING
- > LOWER COST & FASTER DEPLOYMENT
- > NO-CODE AI
- > OPTIMIZED FOR LOW SWAP

Mission Applications



ISR/FPV OPERATIONS



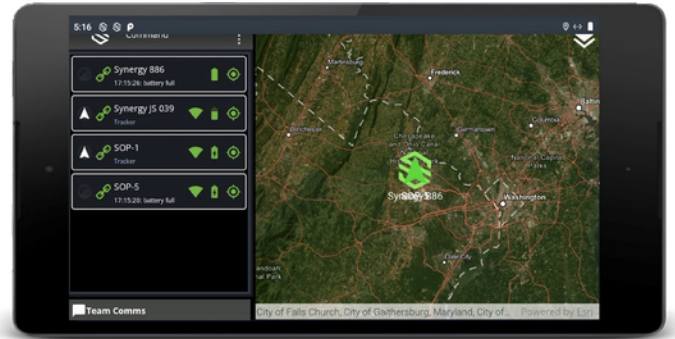
JOINT FORCE COORDINATION



ADAPTIVE OPS IN CONTESTED ENVIRONMENTS



RAPID SCENARIO DEVELOPMENT FOR EMERGING THREATS



FEATURE

BENEFIT

True Edge Processing

Provides full autonomy without cloud or comms, ensuring mission continuity in GPS-denied or jammed environments.

FusionAI No-Code Builder

Enables instant AI deployment without coding, allowing warfighters to adapt tools to new threats in hours, not months.

Collaborative Autonomy

Delivers self-organizing intelligence across vehicles and domains, enabling resilient swarms and distributed operations.

Low SWaP Optimization

Packs high-performance AI in constrained platforms, extending mission duration and reducing the logistics footprint.

TargetModeler Integration

Allows rapid design, training, and deployment of computer vision models in theater, keeping recognition systems ahead of adversary adaptations.

Missions are won with real-time intelligence delivered where it matters most: the tactical edge.

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Contact us at solutions@sensorops.io



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