SHARKFIN®
AIR and GROUND ... COVERED.
Defined – UAS Mission Management

SharkFin® is more than a traditional UAS Ground Control System – combining the best in UAS control with the modeling and simulations capability needed for complex UAS Mission Management. SharkFin includes a sophisticated toolset of decision aids, optimization algorithms, and situational awareness displays, providing the UAS operator with the planning and execution tools needed for today’s UAS mission. World-class auto-routing algorithms and physics-based models and simulations enable an operator to optimally position multiple unmanned systems for mission success in the most challenging environments.

High-Level Planning

A video-game-like interface allows operators to manage the most complex missions in a simple, intuitive way. Users focus on the mission objectives rather than flying an aircraft.

Network-Centric

SharkFin is based on STANAG 4586 and can control any compliant aircraft. Many SharkFin is network enabled and collaborative, facilitating one-to-one, one-to-many and many-to-many control of aircraft and payloads.

Features

- STANAG 4586
- User-Friendly Interface
- 3D Mission Planning
- Advanced Decision Aids
- Shared Situational Awareness
- Mission Optimization Algorithms
- Flight Prediction/Simulation
- LOS, FOV, FOR Footprints
- Communications Status Prediction
- Visual, Acoustic, and Radar Detection Algorithms
- Multi-UAS and Shared Control
- Integrated Payload Displays
- DVR: Pause, Playback Live Video
- Target Tracking
- Designed for Rapid Integration with other C2 Systems