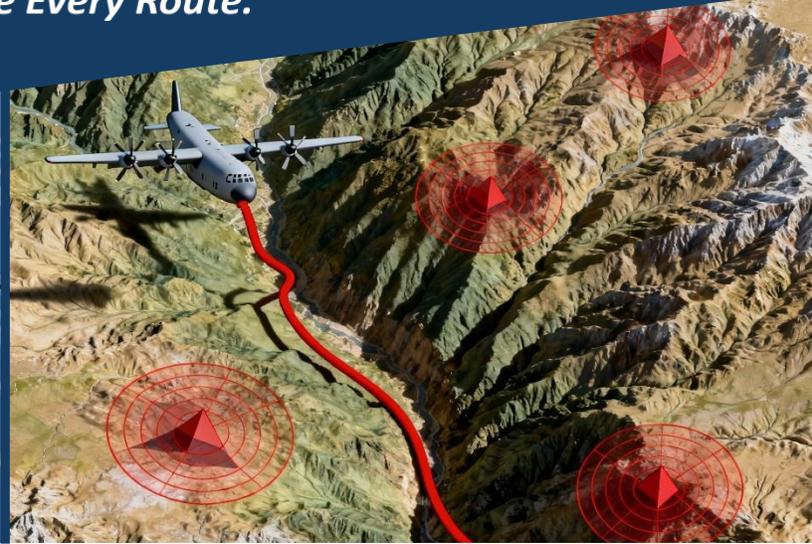




# Virtual Combat Navigator (VCN)

*Empower Your Mission. Optimize Every Route.*



## AI-Powered Real-Time Mission Replanning for the Constantly Evolving Battlespace

The **Virtual Combat Navigator (VCN)** gives aircrews a decisive edge by combining real-time situational awareness, terrain masking, and AI-powered route optimization — all in one intuitive cockpit application. Developed from combat-proven technology, VCN enables aircrews to **avoid unknown threats, adapt instantly to new threats, and maximize survivability and mission success** in complex and changing environments in Real Time.

### VCN Key Features:

- **Intuitive Cockpit Interface:** minimum pilot interaction reducing crew workload.
- **Platform Agnostic:** commercial and military aircraft including drones.
- **Real-Time Dynamic Route Replanning (RR):** automatically generates optimal routes using preset dynamic constraints to maintain effective threat avoidance and achieve mission success.
- **Networked Environment:** unlimited networking capabilities. Ideal for networked drones.
- **Architecture-Agnostic:** integrates with existing mission computers, FMS, and avionics suites.
- **Proven Technology:** ground and flight tested.
- **Optimized for Low-Level & Tactical Operations:** Supports many applications and missions.

**Navigate with Precision • Adapt with Confidence • Dominate Every Mission**



info@iacesstech.com  
www.iacesstech.com