

# Matrix Sim

Realistic tactical flight simulator.

The Matrix Sim delivers realistic physics, equipment modeling, and tactical scenarios. Operators train on the same control systems used in the field, building proficiency without consuming flight hardware. The simulation environment replicates wind conditions, payload dynamics, and sensor behavior with high fidelity, enabling operators to rehearse complex missions including contested urban scenarios, GPS-denied navigation, and multi-platform swarm coordination. Integrated after-action review tools provide detailed performance analytics, enabling instructors to identify skill gaps and accelerate operator readiness across the full range of Matrix platform capabilities. The simulator supports networked multi-player sessions, allowing teams to rehearse coordinated swarm operations and joint mission profiles before live-flight execution.



## TECHNICAL SPECIFICATIONS

TYPE	Flight simulator
PHYSICS	Realistic modeling
CONTROLS	Same as field systems
SCENARIOS	Tactical mission profiles