



Synthetic Decision Group

# Synthetic Decision Group

*The synthesis of intellect and technology in action*

## Civil-Military-Humanitarian Decision Support for Complex Operations

- A boutique innovation team
- Building collaborative, interactive tools.
- Science & Technology Incubator
- Integration and Concept Development
- Tactical, Operational, and Strategic focus
- Experienced team with global operational and technology experience
- New York corporation registered in Washington, DC and Virginia.

## Mission Focus

- Conflict, Disaster, Crime, Intelligence
- Counterterrorism, Counterinsurgency, Peace Operations, Large-Scale Combat Operations, Maritime/Ports (BlueTech)
- Critical Infrastructure Protection
- Mass Atrocity Investigations
- Urban Operations (Warfare)
- Subterranean (SubT), SmartCities
- Urban-Littoral Operations
- Mission Planning & Operations, Supply Chain/Logistics

## Technology

- Visualization, Geospatial Intelligence (GIS)
- Data Analytics, Artificial Intelligence (AI), Machine Learning (ML), Game Theory, Algorithms, Quantum-Digital Interface
- Virtual & Augmented Reality, Holograms, Edge Devices, Sensor Integration
- Automated Investigations, Planning, Course of Action Development, After Action Reports, Wargaming, Red Teaming
- Drones, (UAS, UGV, UMV), Robotics

## Process

- Multidomain C4ISR, Predictive Analytics, Forecasting
- Swarming/Counter-swarming
- Collaboration/Partnerships/Co-Invention
- Technical Experimentation, Exercises, Rapid Prototypes, Cyber & Operational Security, Legal Framework(s)
- Engage Clients, Understand Operating Environments and Inter-Dependencies
- **Integrate, Identify Gaps, Innovate**