ODIN

Unleashing the Power of Many

The use of UxVs (aka Drones) is growing exponentially. Their value is undeniable. For many applications, a formation or group of drones is warranted and can provide unparalleled value – value^2. ODIN is a sophisticated command and control system that unleashes the power of many drones from a single pane of glass – improving reaction time, reducing manpower, decluttering communications, and providing a rapid dissemination of information. Actionable information to those who need it instantly.

ODIN translates data into information – relevant information to the right people at the right time which the user can quickly digest and act upon. Users can create custom dashboards of information from 100s of pre-integrated IoT sensors, hand-held devices, and drones. ODIN manages all of this through customizable network configurations, allowing users to focus on situational awareness and decision making. Flexibility and adaptability are critical when your mission is search and rescue, disaster recovery, physical and event security, or wartime operations.

Key Features of ODIN 1.0

- Manual and automated multi-drone tasking and deployment
- Automated drone selection and tasking using IoT sensors and wearables (e.g., shot detectors, biometrics, unattended ground sensors, etc.)
- User-designated waypoints and automatic routing, including automated hot swap on station capability
- Real-time data dissemination with drone payload data and status updates indicating flight route/position (ingress and egress) to the user's display
- Plug-and-play architecture enables users to pick from a variety of drones and to expand system for future drones via additional plug-in software adapters
- Integrated with Blueforce Development Corporation's suite of products that enable, dynamic team management, chat, push-to-talk and instantaneous integration/fusion of a variety of sensors and communications capabilities

THUNDERBOLT

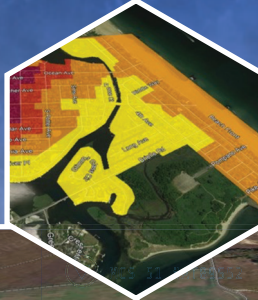# Where ODIN can assist in Emergency Situations

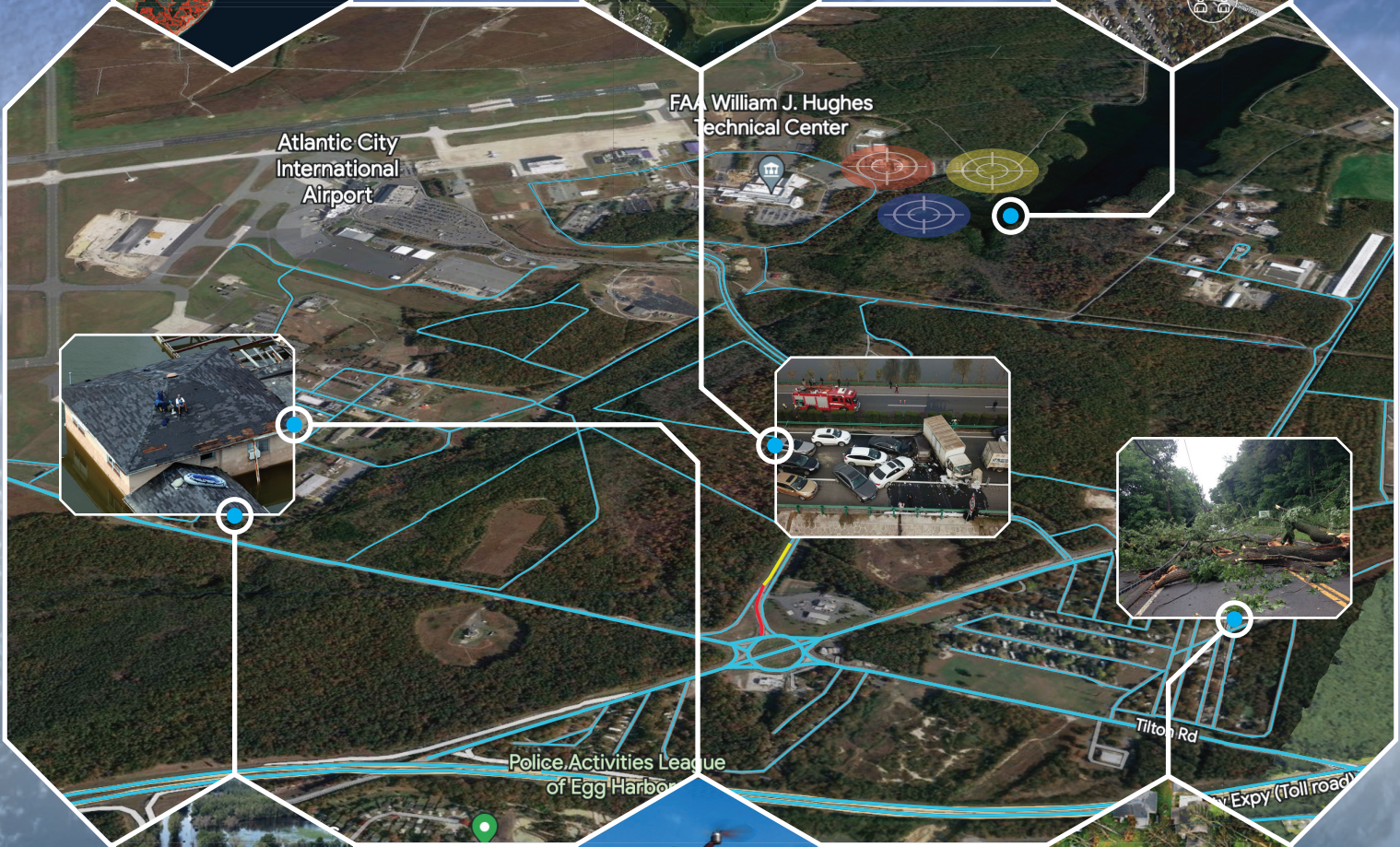**SHORE BASELINING**
Drones create pre-event imagery of critical areas

EVACUATION MONITORING
Drones and IoT sensors monitor evacuation

RESPONSE COORDINATION
ODIN-built teams can be tracked and tasked

DRONE TEAM #1

GALLOWAY PD

Atlantic City International Airport

FAA William J. Hughes Technical Center

Police Activities League of Egg Harbor

Tilton Rd

Expy (Toll road)

FLOODING INSPECTION
Drones inspect flooded regions and compare to pre-event imagery

EMERGENCY AID DELIVERY
Drones deliver aid

DAMAGE ASSESSMENT
Drones inspect roadways and target obstructions

THUNDERBOLT