

# VigilantHalo

Mobile and Modernized Airspace  
Command and Control



**BLUEHALO**

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# VigilantHalo

## Mobile and Modernized Airspace Command and Control



VigilantHalo provides integrated Command and Control (C2) in any airspace, detecting and tracking all aircraft, including below-the-radar UAS. A complete situational awareness solution for ATC, disaster response, critical infrastructure/airport/base defense and BVLOS UAS operations into any CONUS/OCONUS DOD and National Airspace System (NAS) ATC environment..

- ATC-capable Surveillance Data Processing, Fusion Tracker and communications to separate air traffic in any environment
- Tailored radar and multi-sensor surveillance to suit mission and application needs
- Real-time weather detection and analysis for ATC operations, and weather-based safety risk prognosis and diagnosis
- Secure, micro-services based architecture enabling cloud, mobile and fixed-site deployments
- Critical internal and external system health management
- ABMS, BMC, FAAD C2, JAD-C2, TOC-L support for downstream cues to ATC, CUAS, DE, KE and threat defeaters

VigilantHalo also provides weather-based flight path analytics services identifying potential safety risks. VigilantHalo provides critical internal and external systems health management statuses.

### For More Information

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VigilantHalo provides weather prediction capabilities, informed by NOAA's mesoscale predictions and weather stations.

