

Lighthouse

*Low-Cost Networked Scalable System for
Low-Altitude Air Space Management of UASs/Drones*

LIGHTHOUSE
A V I O N I C S

Contact Information Description

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Virtual Control Towers, Operators' Workstation and Integrated Fully Autonomous Drone



Description in Bullet Format

- **The Lighthouse modular air space management system replicates NAS architecture in a low-cost scalable solution to enable localized airspace management for states, cities, municipalities and the DoD.**
- **Virtual Control Towers (VCTs) - Low-cost scalable and networkable solution for detecting, tracking, and guiding commercial UAVs and drones.**
- **Operator's Station – Realtime airspace awareness and point/click operation of Lighthouse autonomous drones**
- **Lighthouse Drones – Fully autonomous integrated drones with onboard artificial intelligence.**

Benefits, Money Saved, Eliminates What?

Benefit : Supports BVLOS, Operational Detect and Avoid, Low-Altitude Airspace Management, Threat Detection, Detect/Track/Identify/Characterize, UTM Integration

Target Customer(s): First Responders, Municipalities, Localized UAS Operational Zones, Department of Defense

Seeking: DoD Program Managers and Operational Partners

Airspace Management <input checked="" type="checkbox"/>	Command & Control <input checked="" type="checkbox"/>	Comms <input type="checkbox"/>	Power & Energy Storage <input type="checkbox"/>	Propulsion <input type="checkbox"/>	Sensors & Awareness <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
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