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Tim Lawton
Director of Marketing & Public Relations
585.880.7523 | tlawton@nuair.org

NUAIR to Integrate Aveopt Communication Network into New York's 50-Mile Drone Corridor

Safe, reliable communications network key to commercial drone operations

(SYRACUSE, NY) – NUAIR announces the addition of Aveopt Inc. to the NUAIR Alliance and integration of Aveopt's Communication Infrastructure Mesh (CIM™) system concept into New York's 50-mile drone corridor to advance the reality of safe and secure commercial drone operations. The Aveopt CIM™ integrates cross-communication between multiple modes of communication including cellular, satellite and remote sensors, creating a multi-redundant, reliable communications network for unmanned aircraft systems (UAS) operations. A safe, reliable communications network is a key functionality for a UAS Traffic Management (UTM) system, beyond visual line of sight flight, and commercial drone operations.

"A safe, reliable and functional UTM system cannot be built by one company," said NUAIR CEO Ken Stewart. "It's going to take a myriad of specialized companies throughout different industries, government support and cross-state collaboration. Aveopt's cross-communication technology and expertise is a key addition to our Alliance, advancing the reality of safe and reliable commercial drone operations."

"Mobility, to include Aerial Mobility, is a significant contributor to the enablement of disruptive technologies. Disruptive technologies such as AI, Robotics, Remote Sensing and IoT are expected to contribute substantially to the global economy over the next 10 - 15 years," said Art Kahn, CEO of Aveopt Inc. "We see the NUAIR Alliance as a focal point for the advancement and adoption of AAM/UAM operations. The Aveopt team is proud to have become a member of the NUAIR Alliance."

The availability, strength and reliability of communication signals varies from one location to another. The Aveopt CIM™ is designed to actively monitor the communication signals in the local area where a drone is flying and determines which signal is the "best" in terms of signal strength and reliability. It then selects that signal as the primary communication source for operations and moves the other signals "down the list" of backup communication networks. The system will also have the ability to switch between services providers to acquire the most reliable signal for safe drone operations.

Safety and reliability continue to be key elements in establishing a UTM system and routine commercial drone operations like package and medical deliveries. The Federal Aviation Administration (FAA) and National Aeronautics and Space Administration (NASA) continue to turn to NUAIR and the UAS industry to help establish the rules, regulations and systems needed to safely integrate unmanned aircraft into the national airspace system.

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About NUAIR
NUAIR (Northeast UAS Airspace Integration Research Alliance, Inc.) is a New York-based nonprofit organization that provides expertise in unmanned aircraft systems (UAS) operations, aeronautical research, safety management and consulting services. NUAIR is responsible for the continued advancement of New York's 50-mile UAS Corridor and Advanced Air Mobility Proving Grounds, facilitating beyond visual line of sight testing and commercial drone operations. Headquartered in Syracuse, NUAIR manages operations of the FAA-designated New York UAS Test Site at Griffiss International Airport in Rome, NY, responsible to the FAA and NASA to conduct operations for UAS and advanced air mobility testing. Visit www.nuair.org to learn more.

About Aveopt
Aveopt Inc. (Aveopt) is an Illinois corporation developing the next communication infrastructure solution necessary to support continuous communication connectivity. Aveopt is focused on bringing broadband service to remote and unserved / underserved communities and developing continuous communication methods for mobility operations (aerial and ground) with its Communication Infrastructure Mesh (CIM™) technology concept. Aveopt maintains offices in Michigan and Florida. Visit www.Aveopt.com.