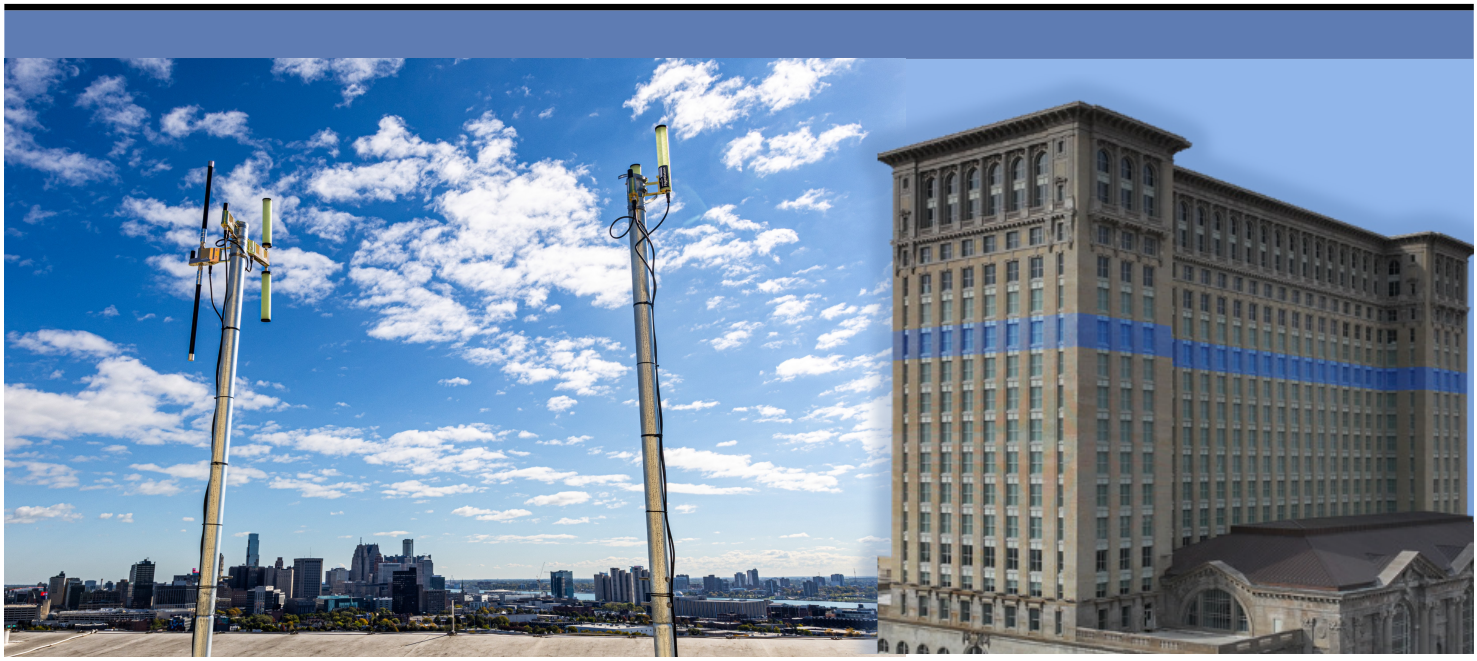
MICHIGAN CENTRAL The Advanced Aerial Innovation Region



AAIR UTM Systems

Overview

The AAIR UTM Systems provide everything you need to get flying your sUAS quickly. Whether you need detection, flight volumes, or command and control, AAIR has you covered. The AAIR network is positioned to support organizations and operators with exactly the capabilities they need when they need it as you progress on your journey to advance UAS integration.

The Digital Observer

Whether tracking crewed aircraft or the smallest sUAS, the Advanced Aerial Innovation Region UTM Systems are designed to make sure that you have digital eyes in the sky.

UTM à la carte

Every operator will need different solutions based on their own sUAS hardware, mission concept of operation, and process maturity. The Advanced Aerial Innovation Region UTM Systems are designed to be used stand-alone or deeply integrated to support your unique needs to support the widest range of UAS technology and use cases.

Command & Control

If you are looking for robust, scalable communications for your operation, the AAIR UAS Traffic Management systems have you covered. With C2 radios deployed across diverse frequencies, you can get your drones running within the AAIR quickly and safely.

Systems

Airspace Link, Accipiter® Radar, and uAvionix® have implemented a flexible shared infrastructure platform that provides the physical and digital solutions needed to unlock the full spectrum of UAS operations. This infrastructure provides tailored interfaces into the infrastructure assets, ultimately lowering the system costs by leveraging economies of scale and providing common capabilities across many users.

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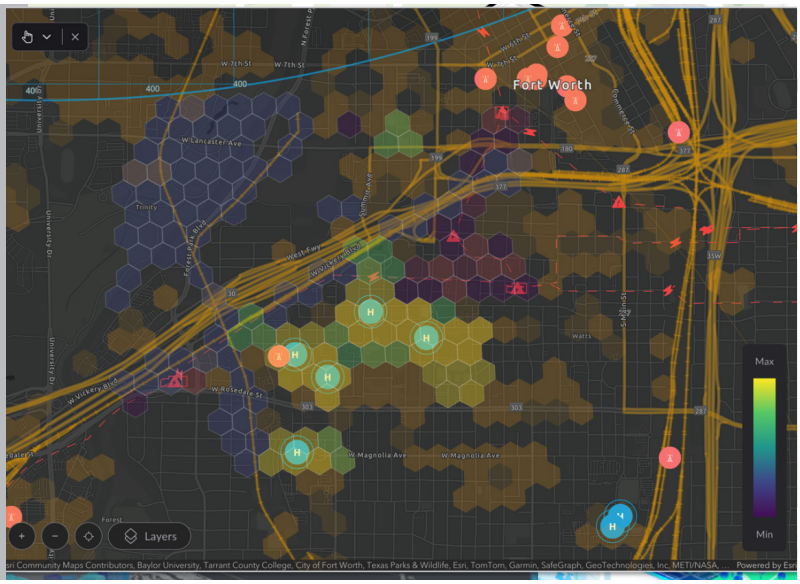
Join other leaders in this field in developing, demonstrating, and operating your technology within the Advanced Aerial Innovation Region.

MICHIGAN CENTRAL AAIR

3 Mile

Radius of initial state UTM coverage/connectivity



Detection

Accipiter Radar's Common Operating Picture® (COP) gives real-time data on a map-view of target tracks from all sensors, including

- Two Accipiter NM1-8Au NXT X-band radar
- Three uAvionix FlightStation™ networked ADS-B receivers
- One CUAS S4000 UAS detection sensor

This aviation grade detection picture ensures operators are aware of all air traffic in the region and can mitigate operations appropriately.

Command & Control

uAvionix's Skyline™ system provides a network for BVLOS UAS command and control. Currently using:

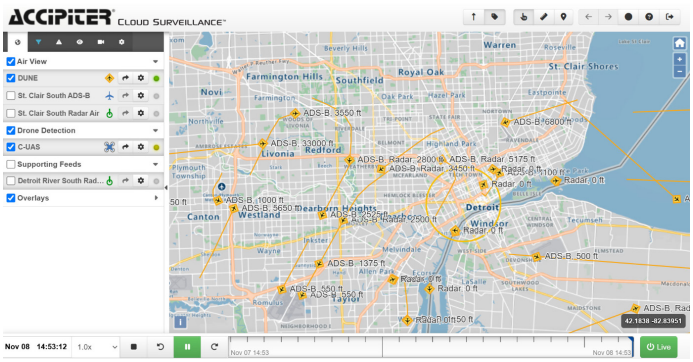
- Six SkyStation™ 5060 ground radio stations
- Three Skystation™ 915 ground radio stations
- Available ARS™ onboard radio systems

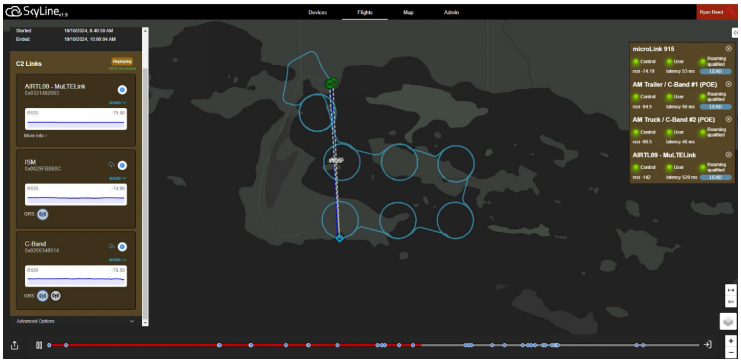
Skyline manages seamless make-before-break handoffs throughout a mission, ensuring a reliable link is always available.

Foundation for new Technology

Michigan Central has laid the foundation by preparing three locations, including the eighteen-story station, for the next generation of UTM tech to be deployed. This includes:

- Extensible physical rooftop infrastructure
- Fiber speed networks to each penthouse
- AC power to each penthouse





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