uAvionix

RADICALLY INNOVATING FOR
SAFE OPEN SKIES

LOWEST SWaP UAS TRACKING
FOR DECONFLICTION & REPORTING

Trakr is a compact, ultra-low SWaP (Size, Weight, and Power) transmitter designed specifically for Uncrewed Aircraft Systems. Once mounted to your UAS, it delivers real-time position data over the ISM band—enabling live tracking, collision avoidance, and automated flight reporting.

Broadcasting over 915 MHz, Trakr securely transmits unique UAS identification and GPS location to nearby TrakrStations. Trakr UAS positional data is pushed to the cloud and visualized in the FlightLine situational awareness platform—providing a live airspace picture. FlightLine incorporates high quality dual band ADS-B data to help prevent low-altitude airborne collisions and enhance operational coordination.

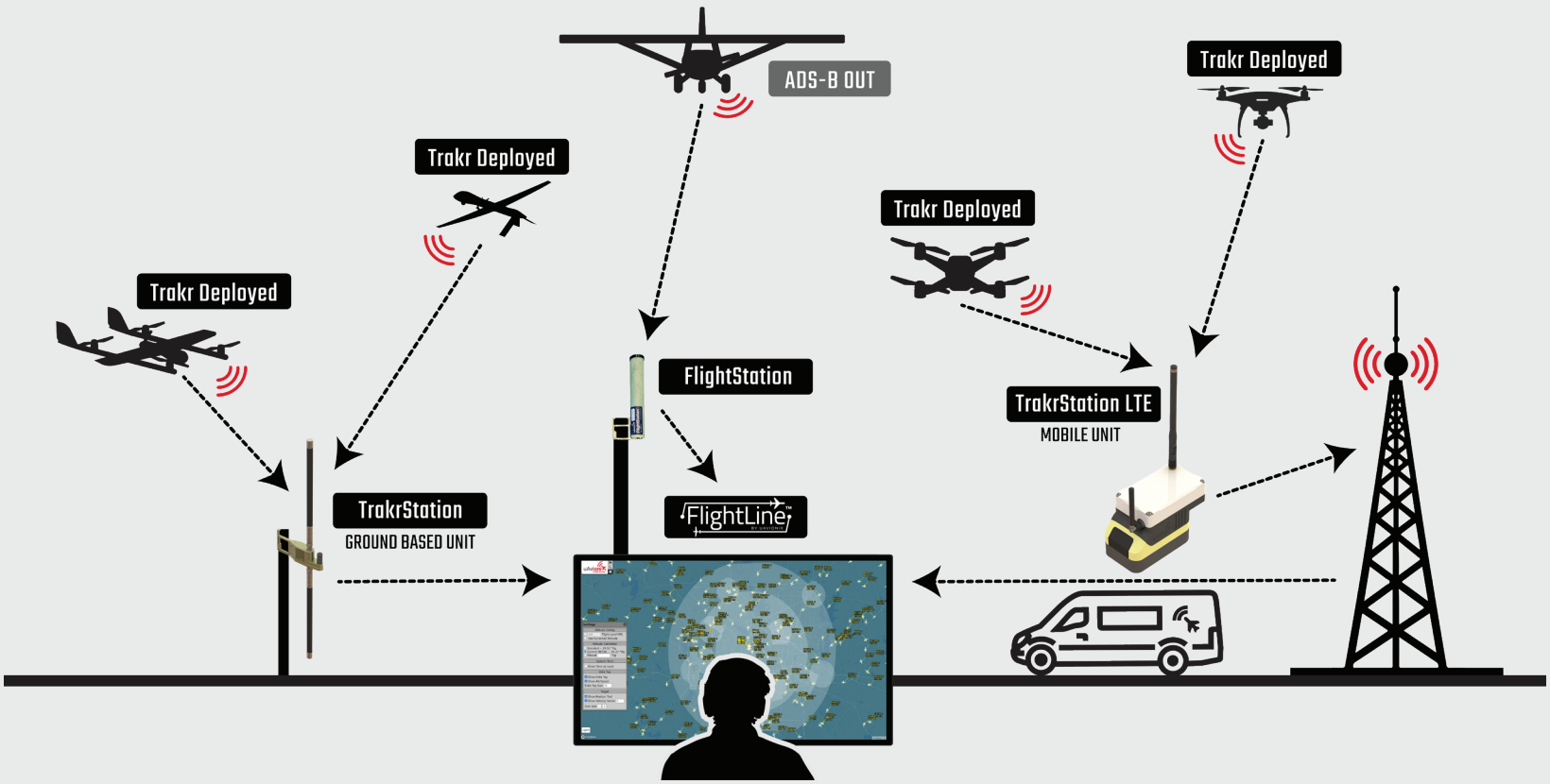
TRAKR USE CASES

- DRONE DELIVERY & LOGISTICS OPERATIONS
- PUBLIC SAFETY & EMERGENCY RESPONSE
- BVLOS INSPECTIONS & INFRASTRUCTURE MONITORING
- AUTONOMOUS FLEET COORDINATION
- DEFENSE & TACTICAL ISR DEPLOYMENTS

COMPACT. LIGHTWEIGHT. ESSENTIAL.
Trakr is the simplest way to scale situational awareness and airspace accountability across your entire drone operation.

TRAKR ECOSYSTEM

Secure, private real-time UAS tracking combined with ADS-B data for Safer, Smarter Airspace.



TrakrStations securely receive position data and push it to the cloud without exposing your fleet's flight details. This data is then visualized in the FlightLine situational awareness app, giving operators a real-time view of all Trakr-equipped drones in the mission area.

TrakrStationLTEs are ideal for field operations, offering all the capabilities of TrakrStation in a compact, portable form. Powered by a rechargeable battery, they securely transmit your UAS position data to the cloud via LTE—no permanent infrastructure required.

FlightLine is essential for low-altitude air traffic deconfliction, operational reporting, and FAA UAS compliance. Its intuitive, web-based map interface displays ADS-B data from crewed aircraft alongside UAS positional data from Trakr devices, helping ensure safer airspace for all users.