

## DROne, VEhicle, and Asset Management System (DROVE AMS)

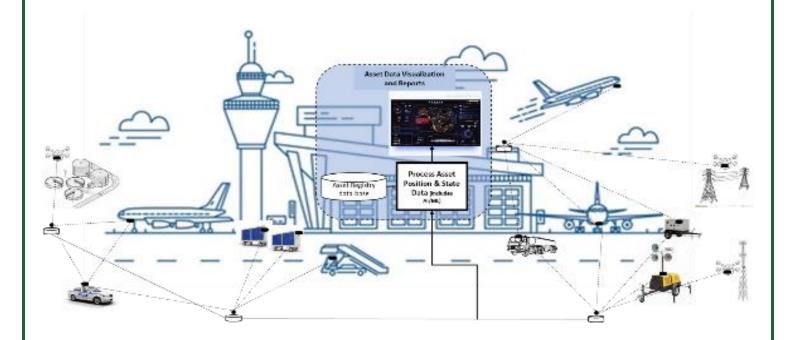
## DROVE AMS coordinates and tracks drone, ground vehicle, and portable assets

## usage to secure airport operations.

DROVE AMS provides ground-based detect-and-avoidance surface and air surveillance systems for drones, vehicles, and assets within an airport vicinity, including secure areas. It operates alongside government air traffic systems such as UTM (Universal Traffic Management,) providing the airport-vicinity facility manager detailed operational information. DROVE AMS works with asset mounted transmitters and a network of ground-based receiver gateways to perform data analysis, visualization, and report generation.

Synchronizing and adding drones with surveillance and tracking of ground vehicles and portable/fixed assets improves productivity, efficiency, and safety to the overall enterprise.

- Supports drone tracking in asset management systems
- Provides functionality to support registration, planning, deconfliction, and safety monitoring
- Interfaces with government airspace ANSP Universal Traffic Management (UTM)
- Provides visibility into activities in and around an airport vicinity
- Aids airport managers' ability to manage and track tenant activities



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