



UAS Detection & Mitigation



Investigate and deploy new technologies for the detection or mitigation of unauthorized use of Unmanned Aircraft Systems (UAS) in the National Airspace System (NAS).



MISSION OBJECTIVE

Ensure that the development of systems to detect or mitigate potential risks posed by errant or hostile UAS operations can integrate safely into airport operations in the National Airspace System (NAS).

WHAT WE DID

Deployed a temporary passive sensing network to the FAA's Center of Excellence in Atlantic City, New Jersey (ACY) for performance evaluation. Upon successful performance evaluation, Hidden Level was selected to deploy its technology to the Syracuse, NY (SYR) and Huntsville, AL (HSV) airports for further evaluation.

VALUE DELIVERED

- 01 Detection and tracking of common, commercially available UAS at tactically significant ranges at three civil airport environments.
- 02 Identification of both Remote ID (RID) enabled and non-cooperative (No RID) UAS simultaneously.
- 03 Performance within secondary FAA test environments at Huntsville, AL and Syracuse, NY showing high probability of detection with low false alarm rates.
- 04 Successful alerting and visualization of data to end user with real-time data playback and visualization capabilities.