

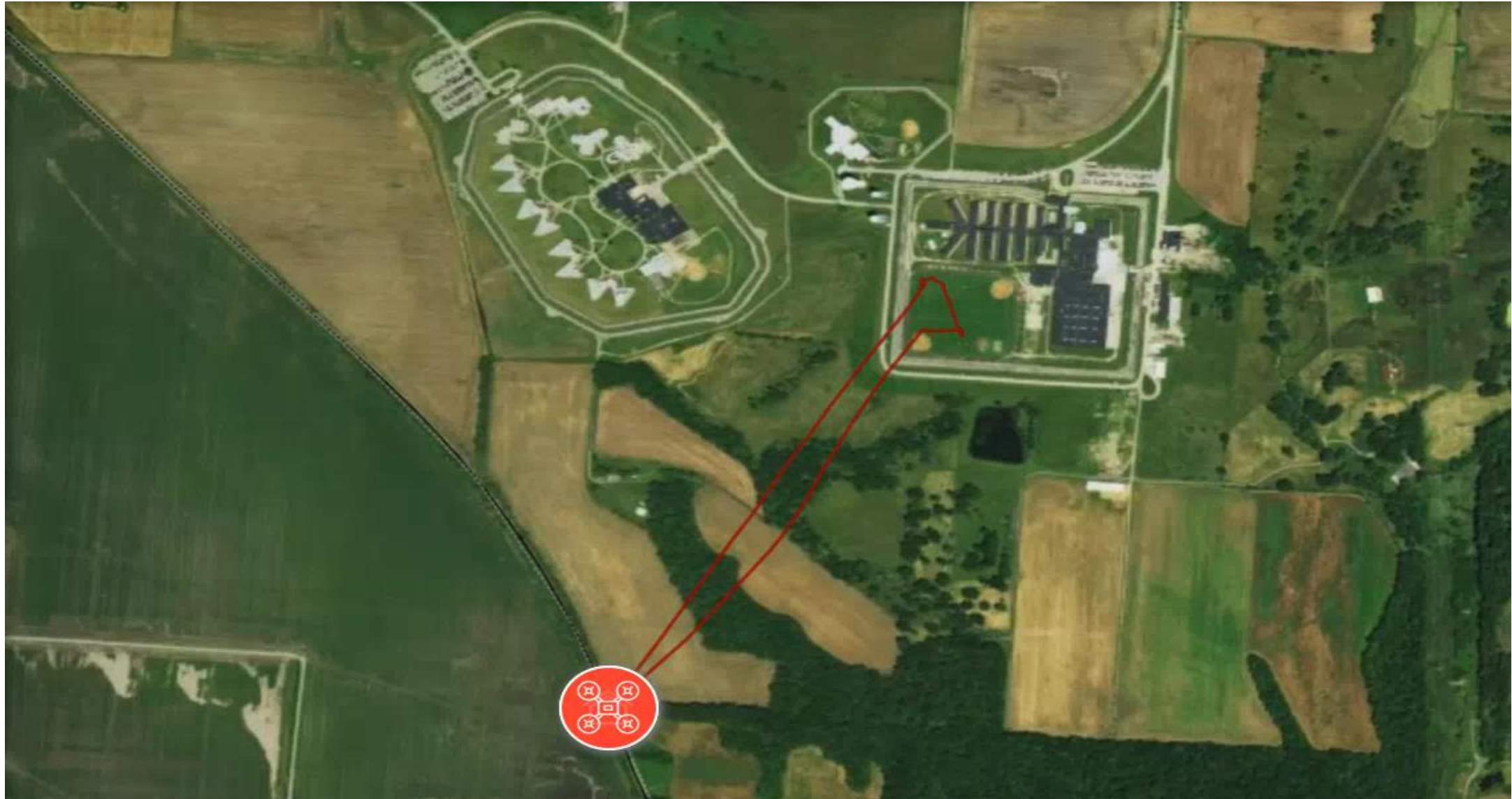


AirGuard: Airspace security Platform

Problem: Any Facility with traditional ground security currently has vulnerably from Airspace



Contraband Delivery



IP theft



Spying

Live

Playback

Records

Analytics

Dec 27, 2021 - Jan 26, 2022

Drone ID, Model

Station Online

DJI SENSOR DRONES

MAVIC MINI 2 11BV

Jan 16, 2022 at 04:50 PM - 04:53 PM

UNKNOWN 031D

Jan 16, 2022 at 03:42 PM - 03:55 PM

Jan 16, 2022 at 03:39 PM - 03:56 PM

Jan 16, 2022 at 03:39 PM - 03:56 PM

Jan 16, 2022 at 02:45 PM - 03:28 PM

Jan 16, 2022 at 02:44 PM - 03:24 PM

MAVIC AIR 2S 06AW

Jan 14, 2022 at 03:41 PM - 03:45 PM

M200 V2 00QW

Jan 14, 2022 at 10:04 AM - 10:07 AM

Jan 14, 2022 at 10:04 AM - 10:09 AM

Jan 14, 2022 at 09:45 AM - 09:47 AM

Jan 14, 2022 at 09:44 AM - 09:47 AM

Jan 14, 2022 at 09:43 AM - 10:09 AM

Jan 14, 2022 at 09:10 AM - 09:11 AM

No new alerts

Search Here

Details

UNKNOWN 031D

FPV 0163

500 m

Mapbox

© Mapbox © OpenStreetMap Improve this map © Maxar

Cyber attack

LED-it-GO

Leaking (a lot of) Data from Air-Gapped Computers
via the (small) Hard Drive LED

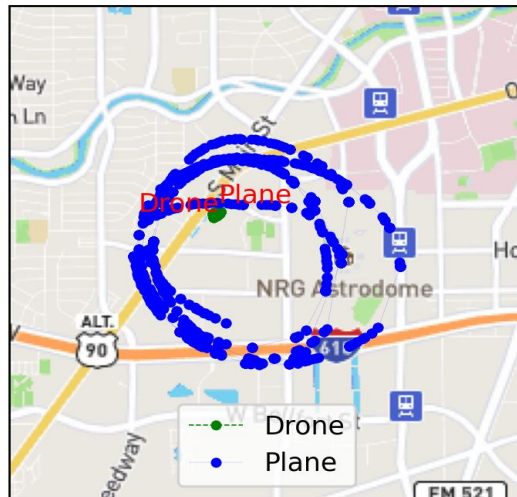
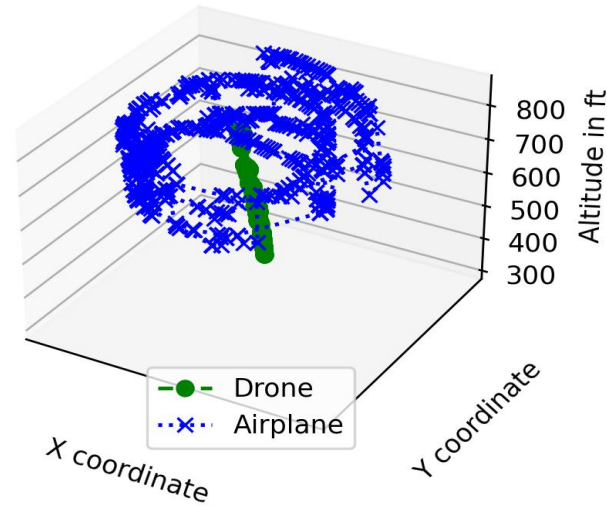
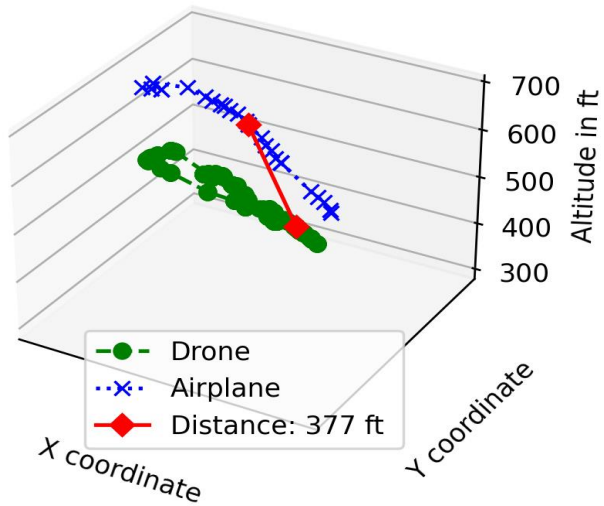
By Mordechai Guri, Borsis Zadov, Yuval Elovici
Cyber Security Research Center, BGU

Article: <http://cyber.bgu.ac.il/advanced-cyber/>

McCarren Airport



30 second window around event. Tracks clipped to duration of drone flight

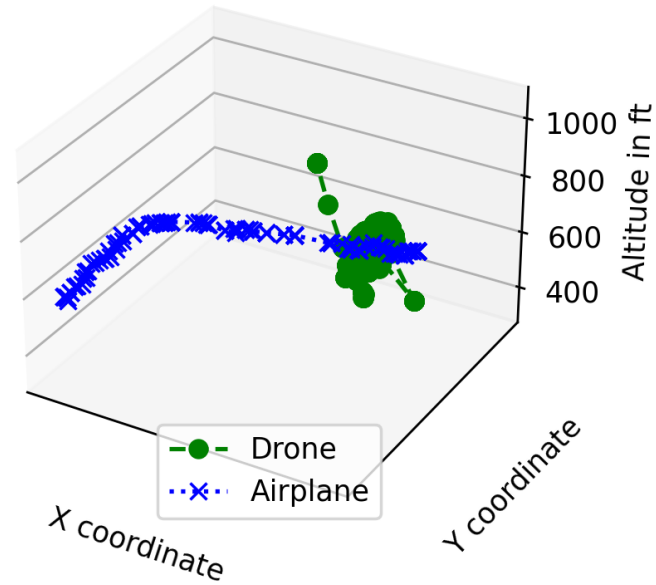
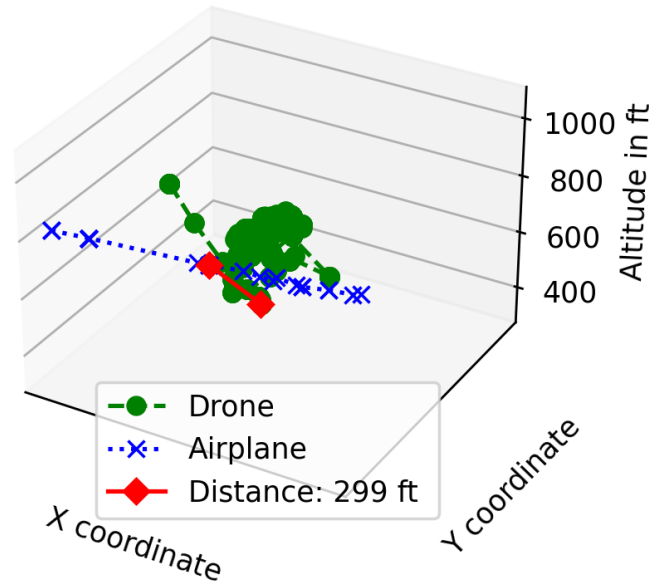


Close approach between airplane N5280F (369E) and a Inspire 2.

- Time:2021-11-05 23:17:17+00:00 UTC in the America/Chicago timezone.
- Altitude: Drone 359 ft. Plane: 650 ft
- Horizontal Separation: 243 ft Vertical Separation: 289 ft. Total Separation: 377 ft



30 second window around event. Tracks clipped to duration of drone flight



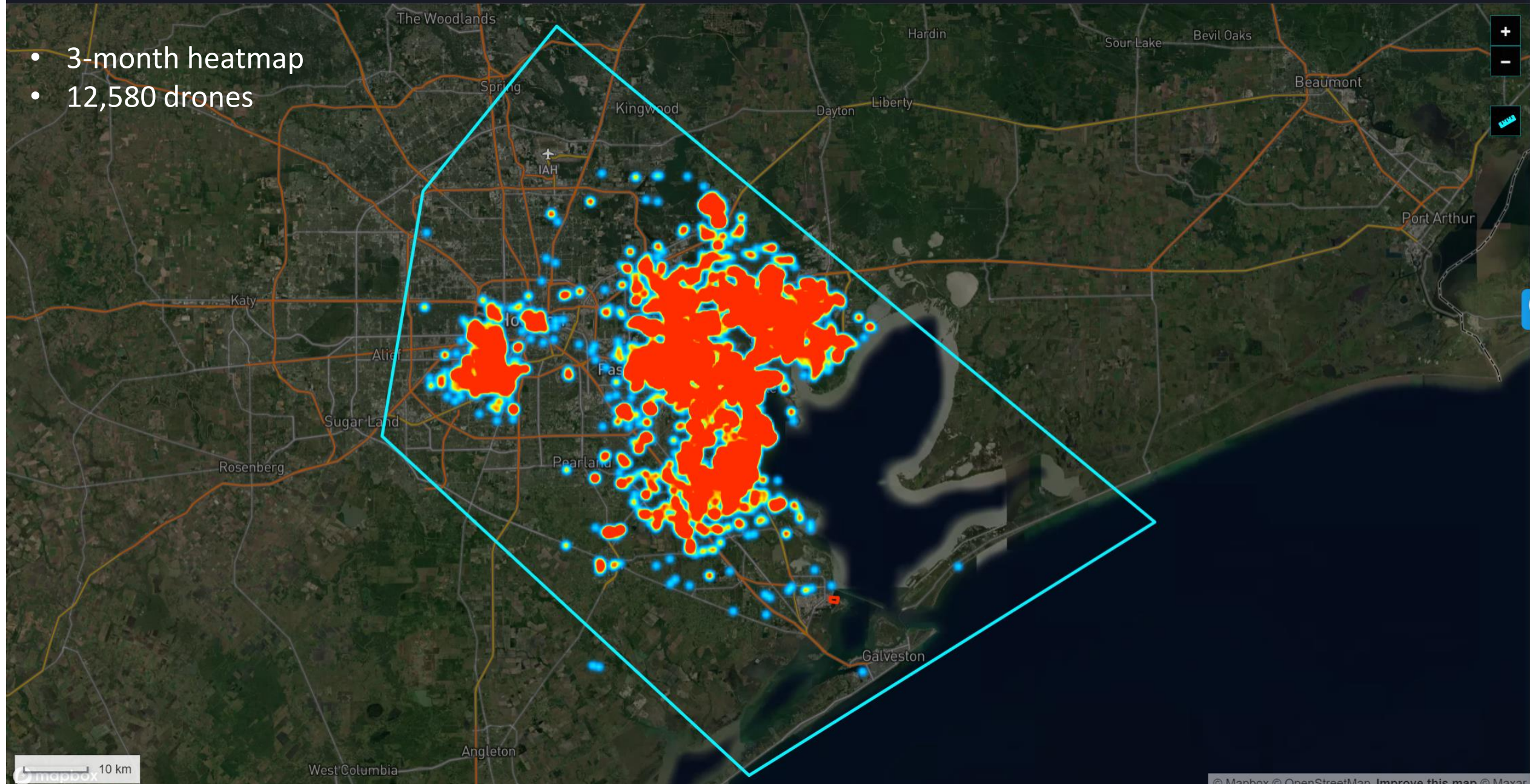
Close approach between airplane RDK5 (Unknown) and a Phantom 4 Pro V2.0.



- Time:2021-09-17 16:19:51+00:00 UTC in the America/Chicago timezone.
- Altitude: Drone 503 ft. Plane: 800 ft
- Horizontal Separation: 52 ft Vertical Separation: 295 ft. Total Separation: 299 ft

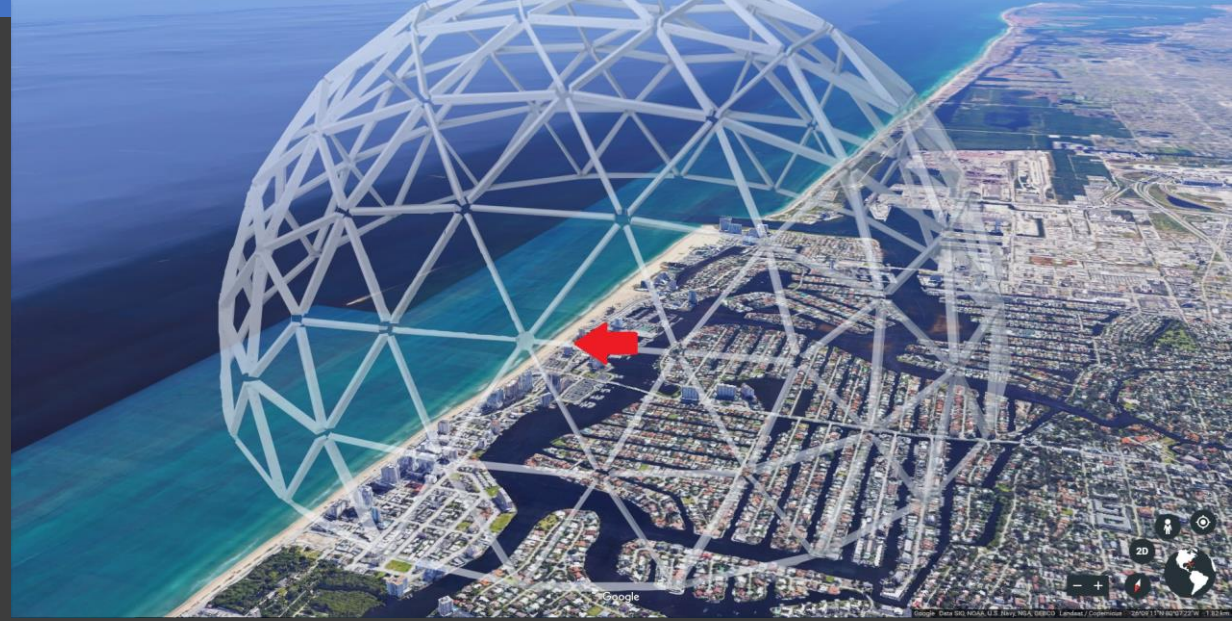


- 3-month heatmap
- 12,580 drones



What can we do?

FCC and FAA compliant



Surveillance

Detect

ID

Classify

Track

Respond

Learn

DETECT – There is a drone
than Penetrated you
airspace

ID/CLASSIFY – Drone,
Make and model. Can i
payload capacity, Travel
distance, speed, Time in
Air

TRACK – Where is it
coming from, Where is it
headed, Drone GPS
location & Pilot GPS
location.

RESPOND – Pilot location,
Activate Jammer systems

RESOLVE – Provide
analytics





Bank of America-Success Stories





Ohio Doc- Success Story



Undisclosed-Success Stories





Thank You!

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