SkySafe

SkySafe Cloud

Counter-drone Security for Critical Infrastructure

Complete Detection, Protection and Resolution of Drone Threats.

Drones Pose an Immediate Threat to Critical Infrastructure

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Drones are already damaging critical infrastructure across the United States. Multiple cases have already been reported of drones flying into power lines taking thousands of homes off-line in an instant.

So far, all investigated cases have been concluded as negligence, although most go unsolved. This issue is only expected to grow as drone ownership increases.

Protect against:

Negligence

Terrorism

Unauthorized Drone Sightings reported to FAA

	2020	2021
(value)	~1650	~2730

(Bar chart with y-axis: 0, 500, 1000, 1500, 2000, 2500, 3000)
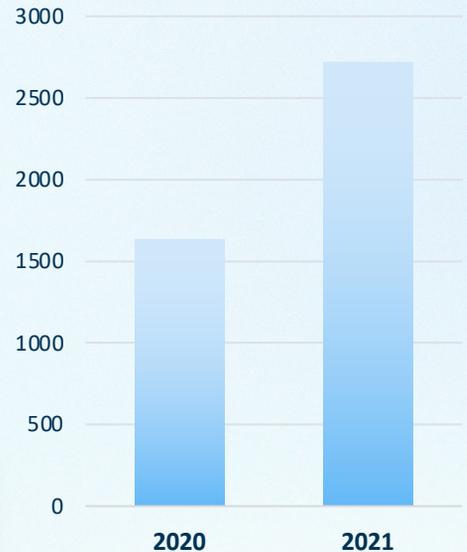
Registered Drones in the US

900K

2020

1.78M

2021

SkySafe Cloud is a turnkey counter-drone SaaS that automatically identifies unauthorized drone activity and empowers you to take back control of your airspace.

Comprehensive Critical Infrastructure Airspace Management, Every Drone, Every Signal

A Drone Tried to Disrupt the Power Grid. It Won't Be the Last

SkySafe

Drones are already being used to purposefully damage critical infrastructure. These include purposeful attacks on power substations, utility lines, and courthouses.

This is a complicated problem to solve as drone ownership and use is increasing both in the private and public sectors, making differentiation between good and bad drones a more tedious task.

To further complicate matters, due to the increased range of modern drones, pilot identification has proven to be a difficult task for authorities, despite it being the most effective way to halt a drone threat.

WIRED

Infrastructure already damaged by malicious drones:

| Power stations | Powerlines | Courthouses |

SkySafe Cloud will help secure infrastructure and neutralize the drone threats.

Police want to ID man flying drone near courthouse

Restricted airspace violations are happening every day.

SkySafe Cloud gives your assets the real-time drone data and analytics they need

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With the advancement of drone technology and their personal and commercial expansion, **detection** has become only **one component of resolving potential threats**. Antiquated systems which can identify airborne objects no longer serve as the frontline of defense for infrastructure facing threats from perpetually advancing drones. The key aspects of resolution comes down to **speed of operator detection** and proprietary ability to **analyze drone flight patterns**.

SkySafe is the difference between **detecting an incident** and **keeping critical infrastructure secure from drone threats.**

Detect.
Identify.
Track.
Analyze.

Fast, Targeted Resolution

SkySafe's proprietary technology identifies all drone activity and separates unauthorized and white-listed government drones.

Chain of Command Updates

Automated updates up the chain of command so necessary parties are notified in a clear and coherent manner.

Widespan Coverage

SkySafe's platform tracks **the areas surrounding key locations** to identify and notify of threats **before it's too late**.

Operator Identification

Fast and **complete tracking** of drone **from takeoff**, with **real-time** tracking of **current operator location.**

Historical Drone Data

Detailed historical analysis may be available for your site.

Turnkey with Same-Day Rollout

Ready to launch without modification. **Immediate service** in most cases.

Future Forward Technology

Real-time updates for new drone models & types. Our goal is to cover every drone, every signal.

Centralized Monitoring

Automated text and online notifications sent to whole organization with real-time chain of command status updates.

Prosecutor-Ready Reports

Instantly generate a **detailed after-action report** immediately after an incident.

No Capital Expenditure Required

No expensive hardware to purchase, install, or manage.

Free Threat Analysis

Prosecutor-Ready Reports Generated for Every Infringement

SkySafe

Drone Incident Report

Date & Time — Flight Start	`6/16/2022, 06:35 PM EST (10:35 UTC)`
Date & Time — Flight End	`6/16/2022, 06:57 PM EST (10:57 UTC)`
Aircraft Serial Number	`HV5249725978`
Remote Controller Serial Number	`RHT773752629`

Flight Path
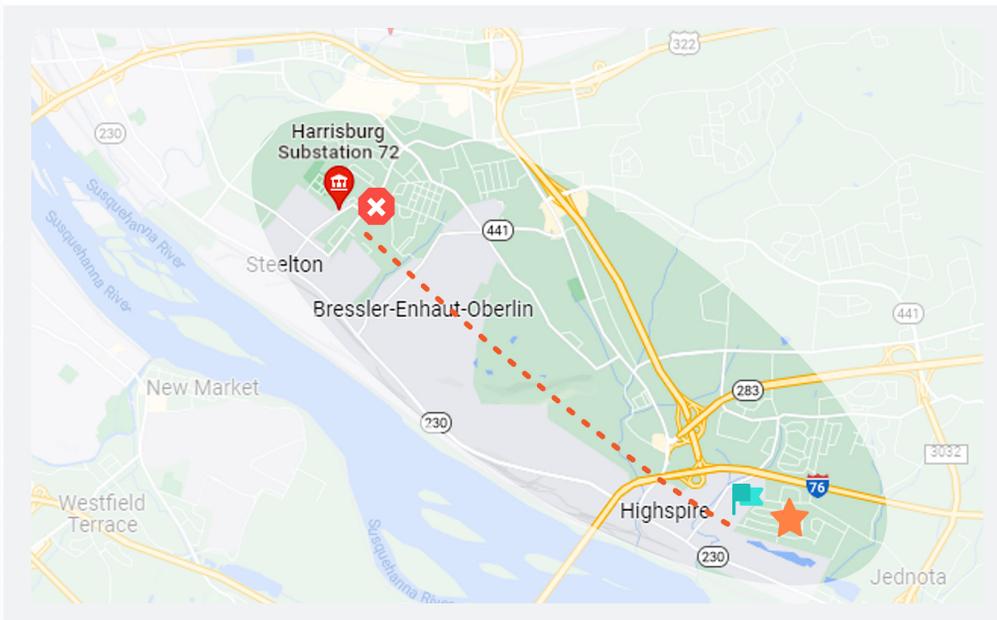
⭐ Operator   🚩 Flight Start   ⊖ Flight Stop   ❌ Flight End

Operator Location	`40.211942314305404, -76.78058664484958`
Historic Flight Data	`1/15/2022`
	`2/12/2022`

《 Incident overview

《 Unique drone identifier for FAA drone registration database request

⌃ Drone's historical data

SkySafe: Global Leader in Counter-Drone Airspace Management

SkySafe

We have one goal: Protect your airspace through awareness and drone management systems.

SkySafe provides cloud-based malicious drone management systems to clients around the world. SkySafe counts the US Special Operations Command and Japanese military among our many clients. We are the world's largest provider of drone forensic data extraction tools.

SkySafe leadership are industry experts in drone hardware security, reverse engineering, digital signals processing, and software-defined radio. Our team is made of alumni of MIT, Purdue, Northrop Grumman, Raytheon, Idaho National Laboratory, Toyota, the U.S. Air Force and U.S. Army, allowing us to provide state-of-the-art solutions.

Our unique approach and proprietary technology has garnered the backing of multiple prestigious investors including **Andreessen Horowitz, Redsea Ventures, Kingfisher Investment Advisors and Sound Ventures.**

FAQs

Do we have to install hardware?

No. With our proprietary distributed counter-drone network, SkySafe Cloud provides complete coverage over your facilities – without having to spend time, effort or capital on expensive equipment. You simply log in to your SkySafe Cloud dashboard to monitor drone activity and see alerts.

How does the system keep up with new threats?

We constantly research, develop and update our systems in real-time. SkySafe Cloud ensures you have complete and up-to-date coverage against the newest threats.

What makes SkySafe the industry standard for counter-drone technology?

Our cloud-based system employs the same cutting-edge technologies we have deployed with the US military and allies. Our proprietary detection system differentiates between authorized and unauthorized drones in your airspace, and triangulates the drone operator's location in a way that no other provider can match.

Can we get real time alerts to threats?

Yes. Our system provides alerts in real time to notify the appropriate staff in your organization about unauthorized drones crossing into your facility.

How can I get historical data of drones in our airspace?

Go to **www.SkySafe.io** to schedule a free Threat Assessment today.

Contact us for an in-depth report of historical drone activity near your critical infrastructure

Go to **www.SkySafe.io** and enter your facility zip code

or

Email us at: **info@SkySafe.io**