

Proactive Drone Detection For Critical Infrastructure

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Drone attacks are increasingly targeting critical infrastructure (CI), slipping past traditional security solutions to carry out illegal surveillance and inflict damage.

From power plants and oil storage facilities to food distribution centers and water treatment plants, **SkySafe's cloud-based drone detection technology gives critical infrastructure security teams the intelligence needed to stay ahead of malicious drones.**

nearly

1M

Registered drones
in the US

nearly

1.5M

Unregistered
drones

nearly

10M

Consumer drones
shipped by 2030

The widespread availability of drones has democratized the ability to surveil, disrupt, and even attack critical infrastructure.

SkySafe enables CI security teams to:

- Deliver uninterrupted public services by stopping drone disruptions
- Shield facilities from drone surveillance aimed at collecting sensitive information
- Reduce cybersecurity risks of a drone hacking into a facility's network or communication systems
- Block weaponized drones from inflicting physical damage or harming employees
- Protect the environment by preventing hazardous material releases caused by drones
- Stay compliant with emerging regulations on critical infrastructure drone security
- Close security gaps left by traditional security systems that often fail to detect drones



"The reckless and criminal use of Unmanned Aircraft Systems (UAS) pose significant risk to critical infrastructure security and public safety."

— United States Cybersecurity & Infrastructure Security Agency (CISA). Source: [cisa.gov](https://www.cisa.gov) - September 12, 2024

The Escalating Drone Crisis

Drones aren't just for military ops anymore — they're a real and growing threat to critical infrastructure. **Consider these recent events:**



In Louisiana, 235 pre-operational incidents have been reported at or near domestic chemical facilities.



In Pennsylvania, a drone modified to cause an intentional power disruption was recovered outside an electrical substation.



In New Jersey, a chemical plant found a grounded drone containing footage of the facility



How Skysafe Works

1 Predict – Detect unauthorized drones

- Analyze drone activity to quickly distinguish authorized drones from malicious ones
- Get real-time alerts about suspicious drones near your facilities
- Access precise drone tracking data, all via the cloud—no hardware required

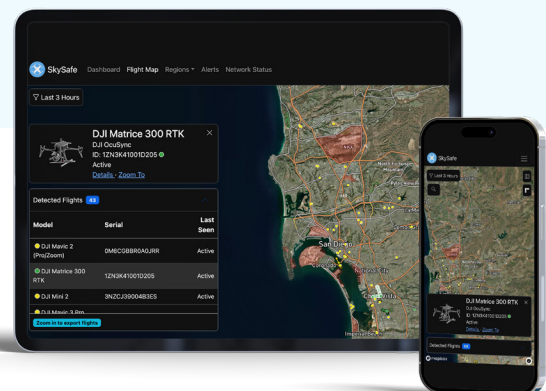
2 Protect – Mobilize a swift response

- Pinpoint the exact location of unauthorized drones and their operators
- Respond and resolve drone security breaches quickly with instant incursion alerts
- Promptly intercept and neutralize malicious drones using precise flight and location data

3 Prosecute – Ensure bad actors are prosecuted

- Turn drone data into courtroom evidence with advanced drone forensics
- Get prosecutor-ready forensic reports, which include decrypted logs and geolocation data
- Extract data from recovered drones with Covert Forensic Imaging Device (CFID) integration

Defend against critical infrastructure attacks from above.



For critical infrastructure companies, the time to act is now. With Skysafe's advanced drone detection and forensics capabilities, companies can protect their assets, ensure public safety, and maintain compliance with evolving regulations.