




Sentinel's UAS Services

Aerial Surveillance Services for
Short-Term and Special Events

A lack of real-time situational awareness can expose significant vulnerabilities at special events, particularly those spanning large areas or difficult terrains. While traditional ground-based surveillance is costly and logistically challenging, Unmanned Aircraft Systems (UAS) or drones provide an on-demand, aerial view of the event site. However, establishing your own drone program necessitates FAA licensing, insurance, equipment maintenance, and continuous pilot training, which can be time-consuming and impractical if UAS capabilities are only required occasionally.

Sentinel has a solution. Our UAS Services for short-term special events provide clients of any size with access to a powerful UAS platform along with experienced and licensed pilots. Now, you can leverage commercial drone capabilities to spot suspicious activities, inspect properties and assets, anticipate incidents, deter malicious acts, manage crowds and access, and conduct remote assessments. Sentinel makes drone deployment safe, easy, and affordable, while ensuring compliance with all legal requirements.

Only UAS Services from
Sentinel provides:

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1. Rapid set-up and deployment of a commercial drone equipped with a powerful quad-sensor camera and various optional payloads.
 2. A certified pilot performing drone operations.
 3. Real-time video display and monitoring via Sentinel's Special Operations Unit or the client's Security Operations Center.
 4. Coordination with all relevant agencies and stakeholders.

Introducing Sentinel's UAS Services

Sentinel's turnkey UAS Services can support security operations, property management, and emergency services with the technology and expertise to observe places and things that traditional cameras can't. Leverage the latest imaging, sensing, surveillance, and payload technology to enhance situational awareness. See unobstructed views of rooftops, infields, adjacent lots, buildings, equipment, streets, and adjoining highways. Identify abnormal conditions, analyze traffic patterns and crowd behavior, and search for vehicles, people, and objects with help from video analytics and live mission recordings.

UAS Services are available as stand-alone or may be deployed in conjunction with Sentinel's Special Operations Unit (SOU). Use our mobile facility as an onsite production studio to view, capture, and edit data collected by the UAS.

OUR SERVICE INCLUDES A CERTIFIED PART 107 UAS PILOT AND THE LATEST, MOST ADVANCED DRONE TECHNOLOGY.



The drone is equipped with:

- 20MP cameras with 200x telephoto lens
- Thermal cameras with 640x512 resolution
- 1200m laser range finder
- LiDAR and 4/3 CMOS RGB camera for mapping, surveying, and inspection
- Optional gimbal searchlight payload
- Optional broadcast speaker

- Continuous drone operations, with intermittent flights of 30-minute durations up and 10 minutes down for battery changes, safety checks, and pilot relief
- Drone video is transmitted to Sentinel's Special Operations Unit or other remote location for monitoring & analysis
- Special events flight operations, coordinated with other agencies and entities to establish operating floor, ceiling, and flight conditions

Why Sentinel?

Our industry-leading experience sets Sentinel apart. We are a full-service consulting firm with expertise in UAS regulations, piloting, best practices for collaboration across multiple security and governing authorities, and how to maximize value from security technology. Trust our certified team of professionals to guide you through today's evolving technological landscape.

Call or scan code to book this service.

