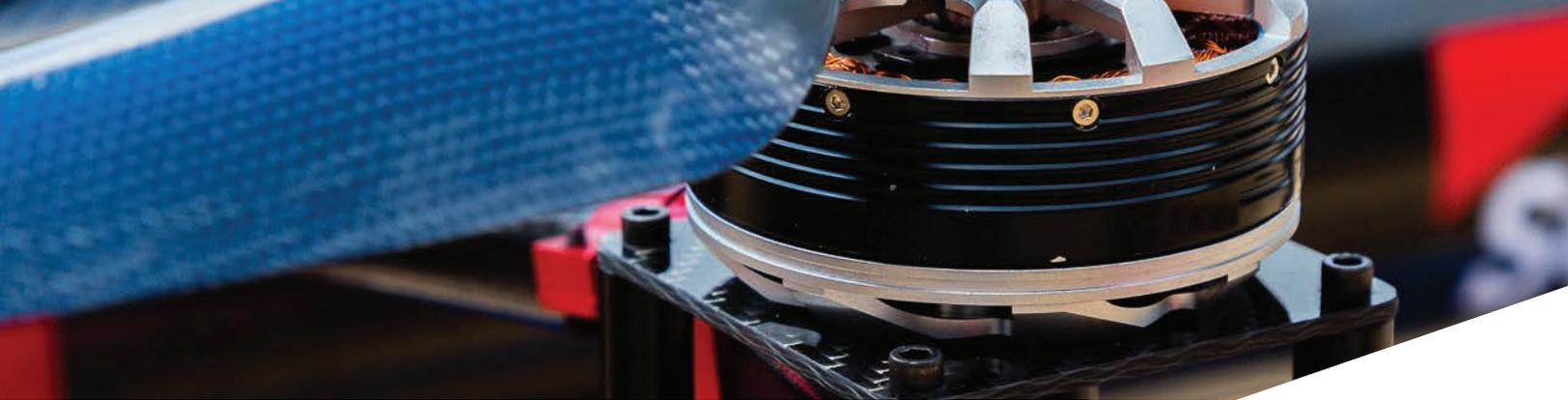




AEROGUARD™

COUNTER-DRONE SYSTEM





WE STOP DRONES

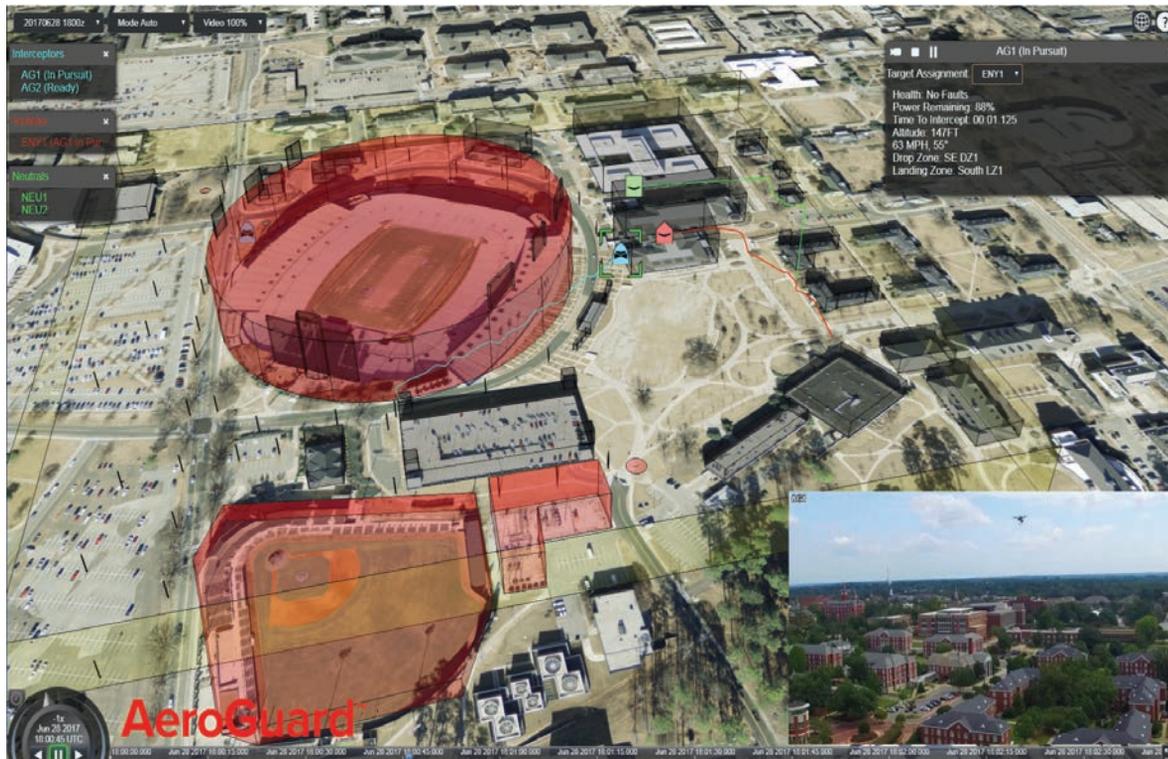
One unsecured location. One weaponized drone.

In today's evolving security environment, a single Unmanned Aerial Vehicle (UAV) is all it takes to pose a new danger to civilians, law enforcement and ground-based security systems.

But with **AeroGuard™**, SCI Technology is countering **The 3D Threat**.

AeroGuard is a fully autonomous, rapid-response **Drone Interdiction System** that captures and disposes of any UAV threat under FAA Part 107 regulations.

Respond. Pursue. Neutralize. This is how **We Stop Drones**.



The AeroGuard Ground Control Station continuously monitors drone detection feeds and automatically tasks and launches Interceptors to neutralize The 3D Threat.

AEROGUARD

The 3D Threat

Legacy security systems are highly capable of addressing threats in two dimensions. But what about the space above us?

With their ability to simply fly over traditional security measures, UAVs are emerging as an unpredictable and potentially harmful threat to people and property. From innocent mistakes to nefarious activities to acts of terrorism, some drones are already being used to disrupt society.

But while 2D security is powerless to deter weaponized UAVs, AeroGuard stands ready to stop The 3D Threat.

Every Second Counts

Studies estimate that counter-drone systems have less than 20 seconds to respond to and neutralize drone threats. That's why SCI designed AeroGuard with an extremely quick response time and an ultra-high top speed to stop any threat covered under FAA Part 107 regulations.

With an intercept and towing capacity of greater than 55 pounds, AeroGuard is ideal for protecting against large threats like IEDs that could impact outdoor gatherings such as sporting events or concerts.



AeroGuard captures targets with an on-board tethered net system and disposes of them in a pre-determined secure location.

AeroGuard is also capable of preventing contraband smuggling in places like prisons and border protection areas.

How It Works

AeroGuard can operate in fully automatic mode (“Set and Forget”), or at various levels of human in the loop. With a target acquired, AeroGuard utilizes cursor-on-target data to track the intruding drone and establish the fastest safe intercept course.

Target tracking and intercept course calculations are continuously updated in-flight to minimize intercept time. At close range, tracking and targeting are handed off to the AeroGuard Interceptor’s on-board computer and SCI’s proprietary integrated tracking system.

Intruding drones are captured with AeroGuard’s on-board tethered net system. Following capture, the size and weight of the captured target can be conveyed instantaneously to an on-site security team for real-time assessment. AeroGuard then removes the captured drone and disposes of it in a pre-defined safe location.

AeroGuard integrates seamlessly with existing security measures, as well as a wide variety of detection systems including radar, EO/IR, acoustic and other emerging technologies.



Following capture, AeroGuard removes intruding drones from civilian-occupied areas in a fully controlled manner.

Capture + Remove

Unlike other counter-drone methods, AeroGuard automatically captures intruding drones in-flight and disposes of threats away from civilian-occupied areas. This approach virtually eliminates the possibility of collateral damage.

To provide further protection from weaponized drone payloads, AeroGuard can place a captured target in a bomb-disposal container away from the protected area.

Ground Control Station

The AeroGuard Ground Control Station continuously monitors drone detection feeds and automatically tasks and launches Interceptors to neutralize The 3D Threat.

With AeroGuard's intuitive 3D map interface, operators can monitor the fully automatic system or opt for varying degrees of manual control. The Ground Control Station can feed live video of the operator interface as well as the Interceptor into a wide range of CCTV systems.

Civilian-Friendly

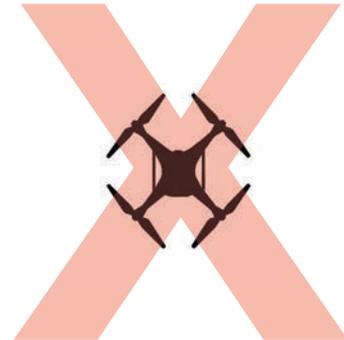
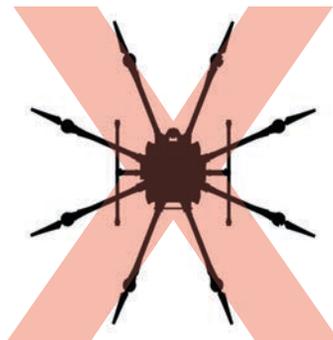
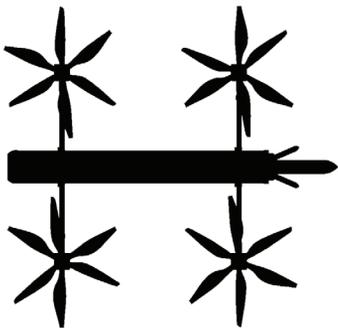
AeroGuard features completely unobtrusive operation in and around areas occupied by civilians. SCI's proprietary capture and tow system does not rely on RF jamming, which can interfere with cell phones, WiFi and other legal communications systems. This makes AeroGuard an ideal choice for civilian-sector security applications, where collateral damage is unacceptable.

Features + Benefits

- › Capable of neutralizing the full spectrum of threats under FAA Part 107 regulations
 - › Ideal for protecting large outdoor gatherings such as stadiums and concerts from multiple simultaneous threats
 - › Designed to prevent contraband smuggling and Intellectual Property (IP) piracy
 - › No illegal RF jamming to interfere with cell phones, WiFi or any other legal communications systems
 - › Fully controlled disposal away from protected area, virtually eliminating the probability of collateral damage
- › Ultra-high top speed and extremely fast response time
 - › Civilian-friendly, unobtrusive operation
 - › Integrates with existing security measures and a wide variety of detection systems including radar, EO/IR, acoustic and other emerging technologies
 - › Fully automatic operation or human in the loop
 - › Size/weight of captured target can be conveyed in-flight immediately to the security team
 - › Ground control station and interceptor feed integrate into existing CCTV systems
 - › Interoperable with authorized aircraft
 - › Fully automatic charging with rapid, unskilled reloading operation
 - › ITAR-free, ECCN 9A991.b
 - › U.S. and foreign patents pending

How To Learn More

Further information is available at <http://www.WeStopDrones.com>. Additionally, the AeroGuard team can be contacted by sending an email to DAS@SCI.com with "AeroGuard" in the subject line.



With an intercept and towing capacity of greater than 55 lbs, AeroGuard (left) can stop any 3D threat under FAA Part 107 regulations.



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