

SILENT CYCLONE® DISMOUNT EW SYSTEM

SRC's *Silent Cyclone* dismount EW system uses a variety of electronic warfare and navigation warfare techniques to protect warfighters from hostile UAS

SRC, Inc., is supporting the warfighter in the future fight, delivering systems and capabilities to help ensure dominance against any adversary.

SRC's *Silent Cyclone*® electronic warfare (EW) system gives the dismounted warfighter flexible and powerful counter-UAS capabilities to defeat groups one and two UAS. The system can engage with hostile UAS beyond visual line of sight using multiple electronic warfare (EW) and navigation warfare techniques. A single system provides protection to several warfighters, ensuring continuous protection during dismount and stealth missions.

The operator can activate the system in one of two modes to confuse and defeat the UAS threat. The system can also be activated and deactivated manually with a locking toggle switch, allowing the operator to decide when to emit and for how long. The system provides two power modes so the operator can tune their EW footprint and avoid detection.

DESIGNED FOR MANEUVERABILITY

The *Silent Cyclone* system delivers EW capabilities to warfighters in a small, lightweight, rugged and highly portable package.

The system integrates into a common backpack platform and is designed for transportability and maximum maneuverability by the soldier. Additionally, the system keeps the warfighter protected from RF exposure, while maintaining a low profile, minimizing the probability of detection.

MODULAR DESIGN

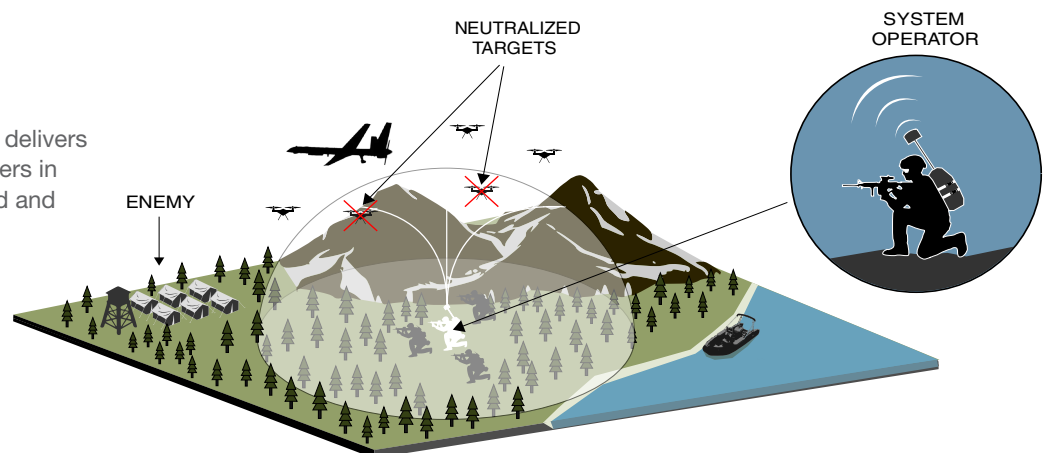
The *Silent Cyclone* system uses a modular design architecture for maximum flexibility, reparability and upgradability. The system leverages SRC's rugged micro-transceiver, a flexible software-defined radio (SDR), and versatile software frameworks that allow for rapid development and deployment of future mission capabilities.

APPLICATIONS

- Force protection
- Counter-UAS for dismounted teams and stealth missions
- Navigation Warfare (NAVWAR)



SRC'S SILENT CYCLONE DISMOUNT EW SYSTEM IS SMALL, LIGHTWEIGHT AND OFFERS EIGHT CONTINUOUS HOURS OF COUNTER-UAS PROTECTION OVERMATCHING ANY ADVERSARY



SILENT CYCLONE DISMOUNT EW SYSTEM

BENEFITS

- A single system can provide a protection bubble around multiple warfighters
- Low profile with small form factor
- Low lifecycle cost
- Easily upgradeable
- Adaptable vis-a-vis the evolving mission needs
- Currently defeats groups 1-2 UAS (Additional capabilities in development)
- Low-cost per engagement

To purchase, or for more information, please email inquiries@srcinc.com.

BELOW: The *Silent Cyclone* system and remote control unit



SPECIFICATIONS

- Power: 2 standard BB-2590/U batteries for 8 hours continuous operation
- System weight: 30 lb (includes system, cables, antenna, RCU, 2 batteries and backpack)
- Tethered remote control unit (RCU)
 - Locking ON/OFF switch
 - Rotary switch for mode selection
 - 4 night-vision-compliant status LEDs
 - Designed to IEC Standard for protection from RF

BELOW: Images showing various angles of the *Silent Cyclone* backpack system



FEATURES

- Small form factor, low profile
- Low probability of detection
- 2 power modes to tune your EW footprint and avoid detection
- Manual locking ON/OFF toggle switch — activate and deactivate quickly
- Rugged, environmentally sealed enclosure
- Multiple configurations
 - Man-portable
 - Vehicle mountable
- Compatible with a variety of common backpacks
- Optimized weight distribution for comfort and maneuverability
- Air-cooled
- Modular design for simple repairs and upgrades
- 8 hours continuous operation
- Built-in fault detection



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