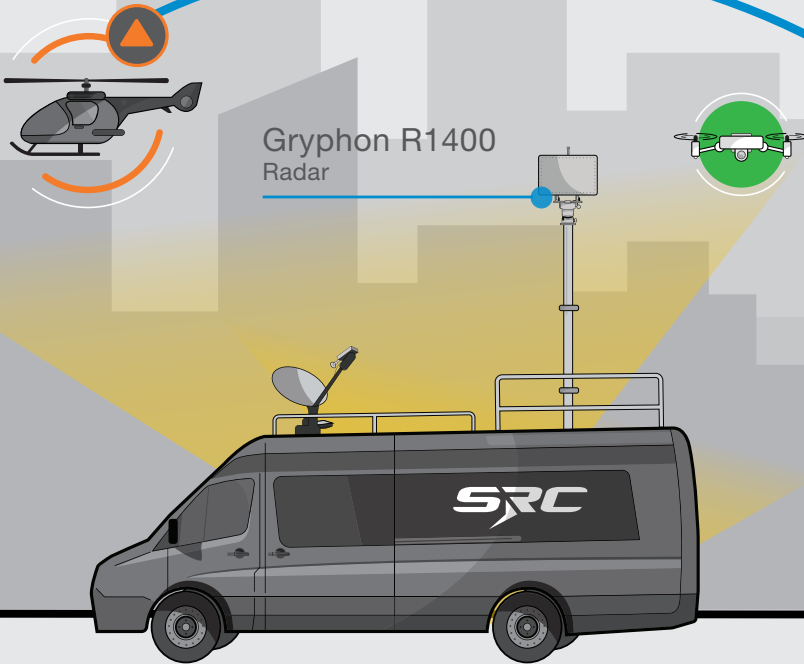


# GRYPHON MOBILE SKYLIGHT



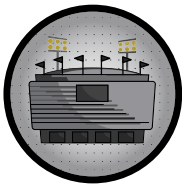
## Gryphon Mobile *Skylight*® System

Introducing the first fully operational Mobile UAS Traffic Management system.

Gryphon Mobile *Skylight* system — a new standard in unmanned aircraft system (UAS) traffic management and drone security. Featuring an array of self-contained sensors, it serves as a complete mobile command center for many applications. Contained in a sleek, rugged van, the Gryphon Mobile *Skylight* system features 4x4 off-road capability and can be taken anywhere without a commercial driver's license.

It's made for rapid deployment in a wide range of applications, from airport security to search and rescue operations to infrastructure inspection and more. So no matter where you are or where you need to be, you can count on the Gryphon Mobile *Skylight* system for unmatched versatility, control and surveillance.

### Drone Security



Stadiums



Airports



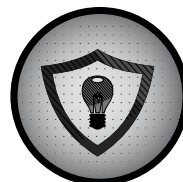
Prisons



Theme Parks

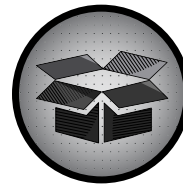


Critical Infrastructure



Intellectual Property

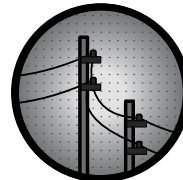
### Safe UAS Integration



Package Delivery



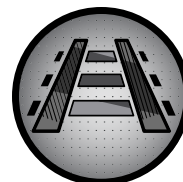
Precision Agriculture



Power Line Inspection



Entertainment

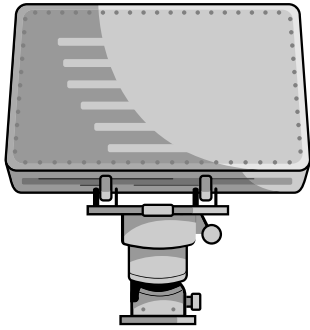


Railroad Inspection



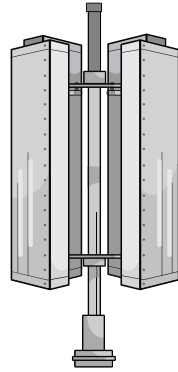
Mapping/Surveying

# Gryphon Mobile *Skylight* System Multispectral Sensors



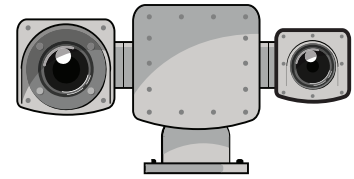
## Gryphon R1400 Radar

- Large area, precision surveillance
- Drone security and detect & avoid applications
- 10 km (sUAS), 27 km (General aviation)
- Low false alarm rate
- Low size, weight and power (SWaP); man transportable



## Gryphon S1200 Spectrum Sensor

- Fast target acquisition
- Strong positive confirmation for targets of interest
- Provides line of bearing
- Up to 5 km detection range
- Up to 360° coverage



## Slew-to-Cue Camera

- Visual target identification
- Optical tracking
- Thermal and EO lenses
- 3 km detection range
- 360° Pan rotation
- 180° Tilt rotation

## Gryphon Mobile *Skylight* System Features

The Gryphon Mobile *Skylight* system fuses multiple technologies to provide the most comprehensive, clear airspace picture.

- Complete mobile command center designed for rapid deployment
- Small footprint, lightweight and low power radar designed specifically for precision detection of low flying small UAS
- Broadband, passive spectrum RF monitoring used to confirm target types
- High resolution, slew-to-cue, optical tracking cameras used to get “eyes on” target
- Receives ADS-B Data
- Built-in target tracking and classification to quickly identify both cooperative and non-cooperative targets
- Ability to track hundreds of targets simultaneously for total situational awareness
- Flexible, reliable, 24/7 operation in all weather conditions and terrains
- Utilizes dual band mesh network for forward deployment of sensors
- SATCOM and cellular connectivity for reliable communications
- 35-foot masts to extend line of sight
- Flexible and reliable 24/7 operation in all weather conditions and terrains
- Automatic data recording with playback for improving performance over time and providing data for legal action
- Flexible interface that integrates with 3<sup>rd</sup> party sensor inputs
- 10 km detection range for small UAS provides low cost per square mile and greater response time