



# SKYSPOTTER

## C-UAS BASED ON A MODULAR CONCEPT FOR A FLEXIBLE AND MOBILE SOLUTION

### **Sensors and C-UAS jammers integrated in a sensor unit in a 10-foot container**

- S-band and X-band radars (5 km and 7.5 km range respectively)
- Electro-optical verification system (EO) with daylight and thermal imaging cameras combined with a laser range finder
- Automatic acquisition, tracking and identification with AI, also in front of high cluttered background
- Integration of the jammers with the electro-optical verification sensor (EO)
- Passive Emitter Locator (PEL) based on "Time Difference On Arrival" (TDOA) technology
- ADS-B receiver (Automatic Dependent Surveillance – Broadcast) with the FLARM system
- Rapid deployment with scissor lift cover platform
- Effectors options: interceptor drone, hard-kill with 30 mm cannon
- Option: Armoured shelter

### **Command and Control System (C2) in a second 10-foot container incl. electronics rack and operator workstation**

- Software functions include algorithms for sensor data fusion, threat evaluation and weapon assignment
- Display of the "Situational Awareness Display of Local Air Picture" on a map of the area of interest
- State-of-the-art UX/UI with gamepad operation for easy-to-learn and intuitive operation
- Connection to higher echelon (IADS) via ASTERIX
- Display of mission commands on tablet to cue blue forces or units with mobile jammer, net guns or the like
- Vertical and horizontal C2 network capability
- SAPIENT standard protocol
- C-UAS system can be seamlessly integrated into the Skynex system/network via the modular Skymaster solution
- Option: Embedded training system with an additional instructor station

### **Rheinmetall Air Defence AG**

Birchstrasse 155 · 8050 Zurich · Switzerland  
info@rheinmetall-defence.com · www.rheinmetall.com

