# ReCas

## Retia Complex anti-drone system

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## FIXED SITE AREA PROTECTION

- Active 3D AESA radar ReGuard
- Passive 3D RF Direction Finder
- EO/IR with target tracking and video analytics capability
- Soft Kill - RF Jamming, Spoofing, Take Control
- Hard Kill - Net, Kinetics

## VEHICLE
## RECAS - I

Fully integrated CUAS Vehicle with
Soft Kill & Hard Kill Solution

ReCas

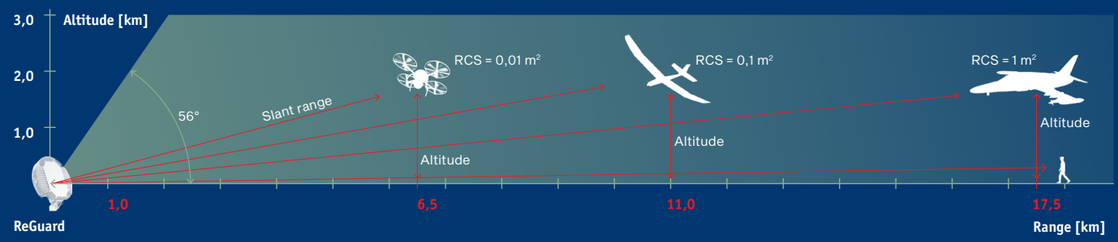


## ReGuard

**ReGuard is a multi-role 3D radar which can simultaneously detect and track ground targets and slow, low-flying targets with a small radar cross section (LSS). ReGuard monitors the area by utilizing electronic beam steering and mechanical rotation of the radar head.**

- 18 km instrumental range
- 3 km altitude coverage for LSS targets
- Under 10 min deployment time

### Visualisation of ReGuard detection performance




## ReGun

ReGun is a first in the world, specially designed 9 RF bands Handheld Drone jammer, that prevents the drones from posing a threat, by either bringing the drones down, or sending them back to their launch point. The ReGun system consists of a directional jammer covering the ISM band 433MHz, 868MHz, 915MHz, 2.4GHz, 5.8GHz, all four GNSS systems covering GPS, GLONASS, GALILEO and BEIDOU at a range of 2000m or more, depending on type of drone and distance of remote control. The coverage is effective against most widely used commercial, DIY and even military class drones that are now emerging in the market using Non-GPS GNSS. ReGun disrupts the remote control, telemetry, video link and GNSS transmission to the drones. ReGun is being certified safe under international radiation hazard standards for human operation and against Ordnance and Fuel.

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