APS
advanced protection systems

We protect the airspace
Drone detection and neutralization

Battle-proven C-UAV System

3D detection, tracking, clasification and neutralization of LSS (Low-Slow-Small) targets.

Minimum detection range:	1 m
Maximum detection range (Target RCS dependent):	2 - 10 km
Range accuracy:	10 - 1 m
Range resolution:	6 - 3 m
Minimum target altitude:	1 m
Maximum target altitude:	10 km
Azimuth/elevation:	90˚- 360˚/ 60˚- 20˚
Frequency X-Band:	X-Band
Technologies:	AESA/MIMO
Tx output power (peak):	80W

- Very precise 3D multiple target tracking radar with MHT (multiple hypothesis tracking)
- Automatic classification; differentiation between drones and other aerial objects
- Drones class 1 to class 3 detection and tracking
- Automated jammer head with directive antennas covering drones communication and navigation bands
- Dedicated and user-friendly C2 software; the PDQ tool for deployment optimization
- Extremely fast set up - full deployment up to 5 minutes
- Military Health&Safety Certificate
- Dedicated API for radar data transfer to external systems, easy to integrate hard-kill
- Automatic positioning and heading control

Battle-proven C-UAV System

SKY ctrl

Battle-proven in Ukraine

Precise detection	Accurate tracking	Instant classification	Effective neutralization
3D MIMO radars, PDQ tool and C2 software	multiple targets at once; report in real-time the exact 3D position of the target	artificial intelligence, machine and deep learning algorithms enabling automatic classification of aerial objects	automated jammer with directive antennas, cued on target by radar; optional hard-kill integration