

THeMIS OBSERVE + Shark

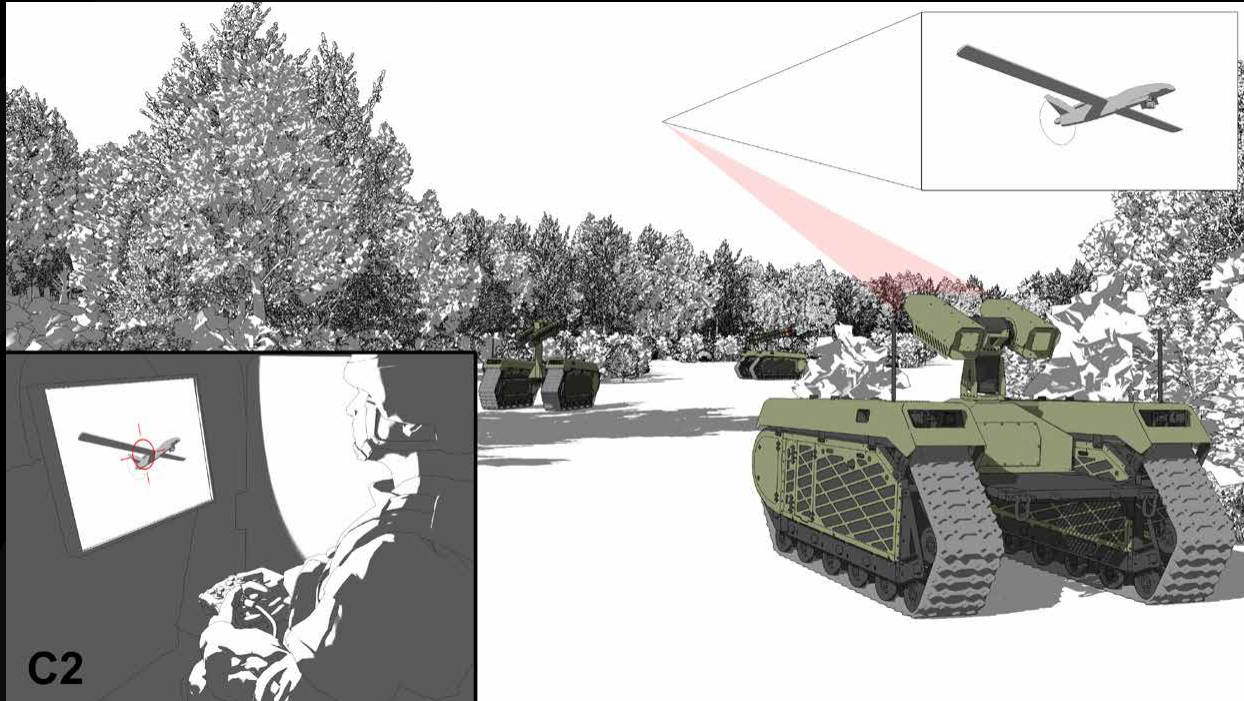
**THE MOBILE AUTONOMOUS C-UAS PLATFORM
THAT PROTECTS UNITS FROM KILLER DRONES**



The Electro-optical Counter Unmanned Aerial Systems platform Marduk Shark and the THeMIS UGV provides frontline forces an independent ability to accurately Detect, Classify & Target rogue drones or other flying objects by using the most advanced AI and ML models. The mobile C-UAS platform is upgradeable with different sensors and effectors: Radar, RF detector, Jammer, Laser, etc.

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DETECTION AND TRACKING



Detection _____ Small multirotor up to 2 km; Class II drone up to 10 km
 AI - classification _____ In challenging environmental conditions
 Noise elimination _____ Bird recognition; Background noise
 Tracking _____ Continuous tracking of Object of Interest

KEY SPECIFICATIONS

MOBILITY

Dimensions _____ 240 cm x 205 cm x 150 cm
 Combat weight _____ 1850 kg
 Additional payload weight _____ 550 kg
 Max. speed _____ 20 km/h
 Ground clearance _____ up to 60 cm
 Max. grade _____ 31 deg / 60 %
 Fording depth _____ 60 cm
 Pull force _____ 21 000 N
 Run time (hybrid, full internal tank) _____ up to 15 h
 Run time (full load, silent mode) _____ up to 1,5 h
 Line of sight control range _____ up to 10 km
 Turning radius _____ 0 m

GIMBAL

IP rating _____ IP 66
 (Dust tight and water resistant)
 Working temp. _____ -30°C ... +60°C
 Assembly _____ Modular and fast
 Toughness _____ Ruggedized
 Portability _____ Portable

OPTIONAL INTEGRATION

Radar _____
 RF detector _____
 Jammer _____
 Hard kill solution _____