

Air-Defence Gun Upgrade & Counter-UAS Integration

CAPABILITY SHEET - RADAR, RF DETECTION, ELECTRO-OPTICAL & DRIVEN MOUNTS

THE ONE IDEA

A GUN THAT CAN SEE	It could always reach a small aircraft. It could never find one in time. Radar, radio-frequency detection and an electro-optical head close that gap.
CHEAP THREAT, CHEAP ANSWER	Whatever you spend to stop one drone is spent again on the next. A gun keeps the cost per engagement low and the magazine deep - and the mounts already exist.
WHY RETROFIT	The mounts exist in numbers, are proven, are sited where they are wanted and are already paid for. Giving a fleet sight and precise pointing costs a fraction of replacing it.

THE UPGRADE

THREE SENSORS, ONE TRACK	Radar for all-weather position; radio-frequency detection for the control link, often earlier; an electro-optical head to confirm by eye. Fused into one display.
BACKLASH AND STIFFNESS	The mechanical honesty of the job: lost motion and flex become pointing error, so gearing, preload and structure are engineered and measured, not assumed.
THE DRIVEN MOUNT	Servo traverse and elevation on low-backlash gearing with encoders - because a cued gun is only as good as the mount that must get there and stop precisely.

THE LINE WE DO NOT CROSS

OURS	Survey, drives, gearing, feedback, sensor mount, power and cabling, console enclosure and interfaces, safety interlocks, the retrofit kit, trials, rollout and training.
PARTNERS AND CUSTOMER	Radar and radio-frequency detection come from specialist partners; the gun and everything it fires, the fire-control solution and any effector are the customer's.
BOLT-ON AND REVERSIBLE	The kit picks up interfaces that already exist and can be removed, so the gun itself is unaltered and its own certification is left undisturbed.

FLEET & ENGAGEMENT

A KIT, NOT A CONVERSION	Old fleets diverge through wear, repair and local modification, so the survey comes first and the kit is designed to tolerate what is actually there.
FITTED IN THE FIELD	Parts a small team can lift, fasteners that can be reached, looms made up rather than cut on site, and a fitting sequence written to be followed.
ENGAGEMENT	Tell us the mounts, the fleet, and what will be furnished, at sales@neometrixgroup.com .

DEFENCE PROGRAMMES DESK

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