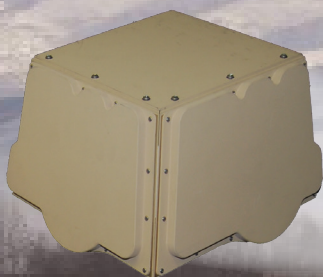


Counter-Shooter, Detection and Location System

CROSSHAIRS provides the warfighter with a modular and layered high-performance counter shooter system that increases situational awareness and enhances survivability

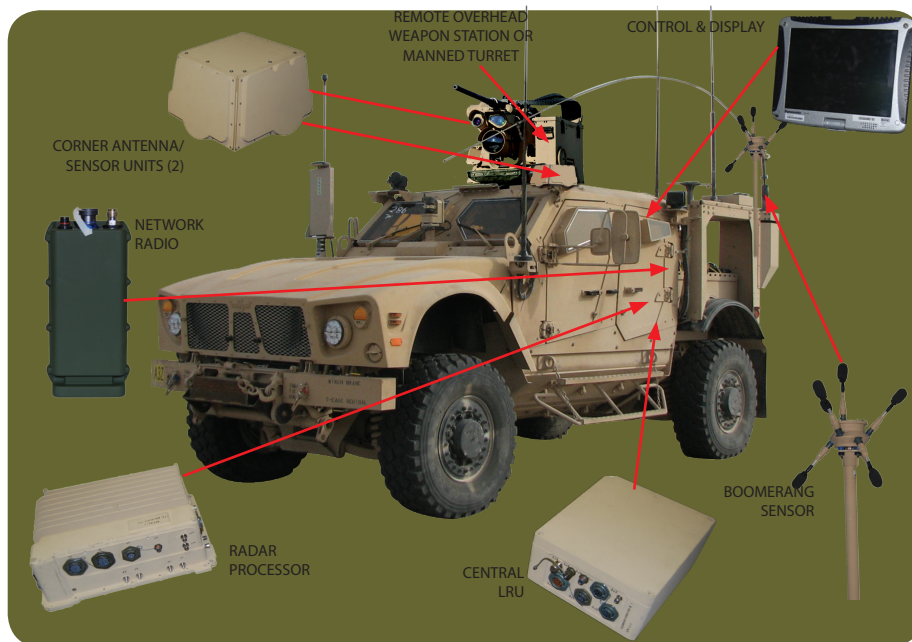
The word 'CROSSHAIRS' in a bold, olive-green, sans-serif font. A green crosshair is superimposed over the 'O'.

**INITIAL FIELD
DEPLOYMENT 2010
IN AFGHANISTAN**



KEY FEATURES

- High-performance, modular counter-shooter / vehicle protection system
- Detects bullets, rocket-propelled grenades (RPG), anti-tank guided missiles (ATGM) and direct fire mortars and determines shooter location
- Facilitates shooter neutralization
- High-performance multi-spectral (radar and acoustic) sensor
- Real-time shooter geo-location data-linked to other vehicles and TOC



THE PROBLEM

Confusion in determining shooter location persists for personnel mounted in military vehicles. It is especially common in multifaceted attacks and has led to excessive casualties.

THE SOLUTION

CROSSHAIRS is a counter-shooter, detection and location system comprised of L-3 Mustang's radar sensor, the Boomerang acoustic system, a remote overhead weapon station, a user interface, and a EPLRS (Enhanced Precision Locating and Reporting System) compatible radio. This system provides 360-degree coverage for both stationary and on-the-move operation against a wide range of threats, including bullets, RPGs, ATGMs and direct fire mortars, enhancing vehicle, crew, and convoy survivability.

THE APPROACH

L-3 Mustang's CROSSHAIRS system has been developed using modular components enabling the flexible integration and installation on a wide range of vehicle classes, including HMMWV, FMTV, STRYKER, JLTV and MRAP.

THE TECHNOLOGIES

High-performance radar; shooter location and neutralization; RF and digital electronics; real-time signal processing; advanced algorithms; guidance and control; efficient, low-cost tests.



Use of U.S. DoD imagery does not imply or constitute DoD endorsement.

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CROSSHAIRS

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