



TECHNOLOGY OPPORTUNITY

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High Angle Threat – Counter Sniper Protective System (CSPS)

Potential Opportunities: DoD, Law Enforcement, Foreign Military Sales, Private Security Contractors

Opportunity: *Seeking Licenses*

Background: NSWC Crane has developed and is patenting a new and unique vehicle gunner protection system. This is a turret armor system that provides overhead ballistic protection. Current vehicle turret systems only provide waist-high to shoulder-high protection covering approximately 42% of the gunner's exposed body. The CSPS system increases coverage without interfering with situational awareness or egress. The system has been fielded to Air Force HMMWV's in theater.

The Technology: Using off-the-shelf and readily available materials, NSWC Crane has created an innovative solution to protect exposed Individuals in dangerous situations.

Key Benefits:

- Available now for integration on a given platform
- Enhanced Survivability:
 - 95% coverage for gunner protection from overhead snipers and IED fragmentation (previously 42%)
 - Better roll-over protection
 - Quick escape
- Lightweight (1400 lbs.) and cost effective (2 prototypes cost \$60K)

Development Status:

- 2 prototypes developed and tested, and deployed USAF HMMWVs in theater
- Technical Data Package developed
- Patent pending, Navy Case # 98,840
- Over \$660K invested to date



The CSPS provides increased protection from overhead snipers
And IED fragmentation



CSPS is currently being deployed to
US Air Force HMMWV's in theater.

For further details on
establishing collaborations
that will benefit your
organization and NSWC

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