

Trophy Family™

Active Protection Suite for Armored Vehicles

Take advantage of the world's only fully operational combat-proven APS



Active Protection Suit for Heavy and Medium Armored Vehicles



System Performance

- Provides protection against all known chemical energy (CE) threats, including CE tank rounds
- Proven high kill probability
- Offers 360° protection in azimuth, as well as extensive elevation coverage
- Operates in challenging combat scenarios: short range, on the move, multiple / simultaneous shots from one or different directions
- Proven build-in Hostile Fire Detection (HFD) capability
- **Safety certification process (Fuze Board) - completed**
- Independent tests prove minimal risk to civilians, dismount troops and nearby vehicles
- Pre-defined safety zone for friendly troops on the ground can be obtained
- Proven capability to fully operate with other RF systems (Radars, EW, Radio, Data, etc.) in a close proximity

Proven in Combat

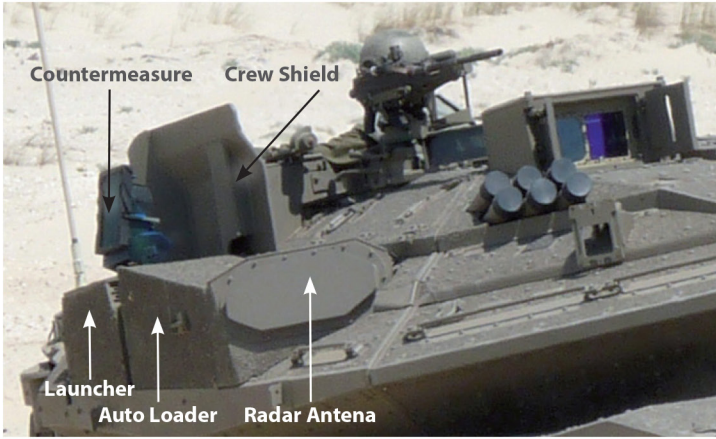
Trophy-HV is in serial production; the system is fully tested and qualified and forms an integral part of the Merkava MK4 main battle tank and other platforms. Introduced operationally by the IDF in 2009, an increasing number of Trophy-HV battalions are deployed along Israel's borders. The first of continuing attacks on a Merkava MK4 MBT equipped with Trophy-HV occurred on March 1, 2011. It is considered the world's first successful defeat of an advanced AT threat by APS.

Trophy-HV was tested successfully by General Dynamics Land Systems to equip LAVIII IFV with full Trophy-HV system capabilities (2013).

Safety

AT scenarios dictate a “man-out-of-the-loop” reaction, requiring an autonomous shooting robot. Use of this type of revolutionary technology demands the highest levels of reliability. Trophy APS has completed a customer's (IMOD/IDF) comprehensive multiple years safety certification process, setting standards for: low levels of false alarm rates, shocks, noise, and radiation; negligible collateral damage; safe zones to dismounts and civilians; other parameters.





Trophy-LV

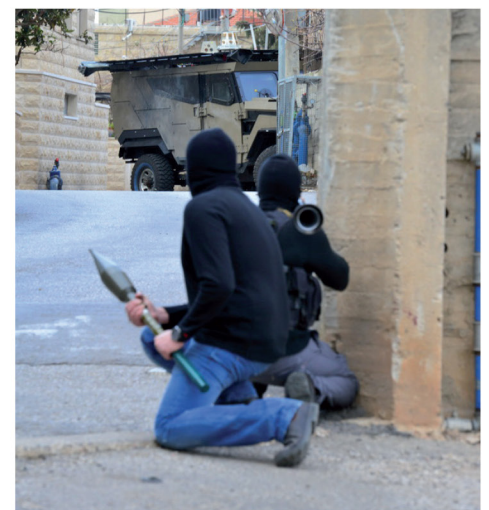
Active Protection Suit for Light Armored Vehicles

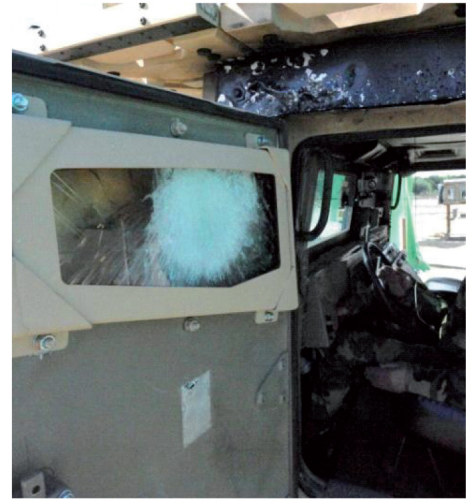


Re-engineering for Lighter Weight Platforms

Capitalizing on twenty years of proven APS experience with Trophy-HV (including certified safety standards), the smaller-scale Trophy-LV offers superior performance at lower weight and volume, without impairing system performance. Trophy-LV's high kill probability against current advanced threats – including the most sophisticated shoulder-fired AT-rocket propelled grenades – make it a significant force-multiplier at shorter ranges.

Trophy-LV is optimally integrated with lightweight tactical vehicles (4x4), and wheeled (6x6, 8x8) or tracked IFVs.





System Performance

- Provides protection against ATR family of threats
- Ensures 360° protection including high elevation, vehicle windows and doors at basic armor level
- System ensures minimal risk of collateral effects ideal for peace keeping missions
- Operates in challenging combat scenarios: short range, on the move, multiple / simultaneous shots from one or different directions
- Safety fundamentals designed according to TROPHY-HV certifications
- Pre-defined safety zone for friendly troops on the ground can be obtained
- Trophy-LV is an efficient, affordable, cost-effective solution that completed full system tests during 2013