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## Trophy APS: combat-proven system for NATO's eastern flank forces

By Lukasz Prus (Defence Industry Europe)

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Photo: EuroTrophy.

Trophy Active Protection System is a mature and combat-proven system that significantly enhances the operational capabilities of land forces. The system has demonstrated very high effectiveness during combat operations of the Israel Defence Forces and is capable of addressing the threats typical of the Eastern European theatre of operations.

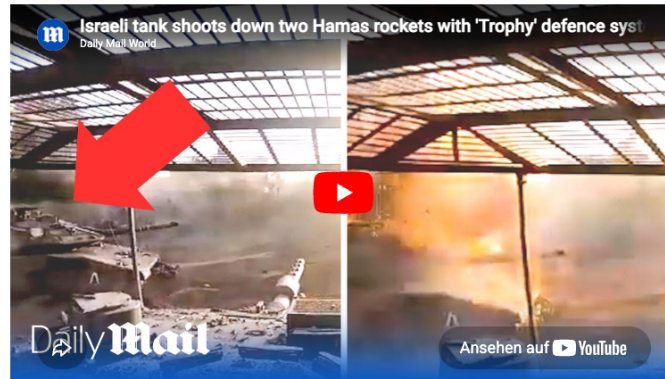


The Trophy APS system was presented during the [Future Armoured Vehicles Central & Eastern Europe](#) conference, which took place on 13-14 May in Prague, Czech Republic.

According to open sources, the Trophy Active Protection System (Trophy APS), developed by the Israeli company Rafael, has achieved over 90 per cent effectiveness during operations conducted by the Israel Defence Forces (IDF). To

date, the system has intercepted hundreds of rockets and other threats aimed at tanks and armoured vehicles operated by the IDF, saving numerous soldiers' lives.

In a televised interview, IDF Chief of General Staff Herzi Halevi emphasised that the Israeli military had deployed many different types of armoured vehicles to Gaza, with vehicle losses being very low. This is partly due to the Trophy APS, which is installed on Israeli Merkava tanks and Namer armoured personnel carriers. Social media features numerous videos showcasing the system's effective operation, including against rockets fired from hand-held grenade launchers and anti-tank guided missile launchers.



"Trophy is a fully mature and combat-proven system. It provides vehicle protection against threats such as anti-tank guided missiles, anti-tank grenade projectiles (including those equipped with tandem charges), loitering munitions, and first-person view drones. These threats are characteristic of the Eastern European theatre of operations. We are ready to supply the system to countries on NATO's eastern flank to improve their defence capabilities" says Dan Kalfus, Managing Director of EuroTrophy GmbH.

He highlights that Trophy APS has already been integrated with various tanks and armoured vehicles, including the Merkava, Leopard 2, Abrams, Challenger 3, ASCOD, Bradley, and Stryker. "From a technical standpoint, almost any land platform, whether tracked or wheeled, can be equipped with Trophy. This system increases the platform's survivability on the battlefield, allows for prolonged operations in areas of intense combat, and most importantly, significantly enhances soldier safety," says Kalfus.



The system's operation is straightforward: a specialised radar detects and classifies threats approaching the vehicle. Then, a computer calculates the interception point and generates a special alert for the crew. If the calculations

indicate a direct threat to the vehicle, the object is automatically destroyed by countermeasures. Additionally, Trophy identifies and locates the origin of the attack. This information can assist the attacked platform's crew in destroying the target or be relayed to other combat systems via the Battle Management System (BMS).

“Trophy can be integrated with any modern BMS. The commander then decides how to neutralise the launcher that fired the shot. This is a crucial capability on the network-centric battlefield,” says Kalfus.

The Trophy system is almost entirely produced in Europe, ensuring supply and logistical security for European armed forces. EuroTrophy is a joint venture formed by General Dynamics European Land Systems (GDELS), KNDS, and Rafael

“We have two production sites: one in Kaiserslautern and one in Kessel. Additionally, we have a logistics and supply chain site in Munich. We can produce 40 complete Trophy systems and 500 countermeasures per month,” Kalfus highlights. He adds that the system is continuously improved by specialists from Israel and Europe to address any emerging threats on the modern battlefield.

The Future Armoured Vehicles Central & Eastern Europe conference was organised by the [SAE Media Group](#).

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Trophy APS

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| <p><b>Lockheed Martin names Orlando Sanchez President of Aeronautics following Greg Ulmer retirement</b></p> <p>Lockheed Martin announced that Aeronautics President Greg Ulmer will retire after more than 30 years with the company.</p> <p>May 10, 2026</p>                                                                                                                        | <p><b>Kratos selects Indiana site for new hypersonic aerothermal testing facility under Project Helios</b></p> <p>Kratos Defense &amp; Security Solutions has selected Odon as the location for a new hypersonic testing facility designed to support advanced aerothermal material evaluation for U.S. defense programs.</p> <p>May 10, 2026</p>                     | <p><b>Russia publicly unveils Geran-5 long-range combat drone during Victory Day commemorations</b></p> <p>Russia has officially unveiled the Geran-5 long-range combat unmanned aerial vehicle during Victory Day commemorations, publicly confirming the existence of a new strike drone already used in the war in Ukraine.</p> <p>May 10, 2026</p> | <p><b>Italian Air Force 6th Wing Lockheed Martin F-35A Lightning II fighters Reach 5,000 flight hours</b></p> <p>The Italian Air Force's 6th Wing has surpassed 5,000 flight hours with its Lockheed Martin F-35A Lightning II fighter aircraft, marking a significant milestone in the unit's transition to fifth-generation air operations.</p> <p>May 10, 2026</p> |

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