

# Announcement

## RIWP® Continues UK Growth Trajectory with New Vehicle Integrations at IAV 2025

**Farnborough, UK, (January 20, 2025)** – Moog Inc. (NYSE: MOG.A and MOG.B), in collaboration with two UK vehicle primes, will showcase new configurations of the [Reconfigurable Integrated-weapons Platform \(RIWP®\)](#) at Defence IQ's [International Armoured Vehicles \(IAV\)](#) event. The RIWP, an innovative weapon system, enables users to adapt weapons and sensors to meet operational demands. The IAV event will be held from 21-23 January 2025 at the Farnborough International Exhibition Centre, UK.

For the first time in the UK, Moog will be operating a production model of the RIWP turret. This display is fully representative of the proven technology currently deployed by the U.S. Army for its [Maneuver Short-Range Air Defence \(M-SHORAD\) programme, known as SGT Stout](#). Visitors at IAV will be able to see this production turret integrated onto an HMT Armoured Closed Cab platform manufactured by British vehicle specialists [Supacat](#) (Stand F7/B13).



RIWP will also be mounted on a [KNDS Dingo 3](#), a highly protected and operationally-proven 4x4 vehicle (Stand F1). These vehicles would give the [British Army](#) a significant SHORAD and counter-small aerial target (C-SAT) capability that could meet new and emerging threats – particularly drones – and leverage a proven and low-risk design that shares close commonality with the U.S. Army, one of the UK's closest operational partners.

Both the SHORAD and C-SAT requirements are part of the UK MoD's Ground-Based Air Defence (GBAD) programme.

Both RIWP turrets at the event will be equipped with the British Army's preferred SHORAD missiles, the [Thales HVM/LMM](#), demonstrating RIWP's suitability as the base launcher for the next-generation UK SHORAD capability once the Army's Stormer vehicle goes out of service.

Additionally, Moog will demonstrate the turret's wider versatility by showing one of the turrets fitted with the 30x113mm Bushmaster cannon and 7.62mm machine gun. This configuration allows a 'layered' air defence capability fulfilling both SHORAD and C-SAT roles from a common base platform.



RIWP can also be used in a direct-fire role for anti-armour applications, leveraging sensors, guns, and missiles that are optimised for neutralising ground targets.

A key differentiator for RIWP over many single-capability turrets is its ability to act as a weapons 'hub', giving armed forces the ability to easily swap weapons and sensors to meet emerging threats or changing operational requirements. RIWP can be reconfigured within hours to match mission-specific needs while maintaining commonality across turrets.

RIWP is underpinned by specialist technologies that Moog is renowned for, including [precision motion control, stabilisation, and fire control](#). Its open physical and digital architectures reduce costs and enable continuous upgrades to sensors and effectors throughout the platform's lifecycle.

The new vehicle configurations at IAV 2025 once again demonstrate that RIWP is truly vehicle agnostic and can be mounted on a range of platforms. Last year, [Moog exhibited RIWP on a British Army Ridgback 4x4](#) at DVD 2024, the first integration of RIWP on a vehicle outside of the U.S.

Moog has a significant presence in the UK, where it has been supplying its precision technologies into the British Armed forces since 1968. Moog has committed to further developing those existing UK capabilities with full British production for RIWP, serving both home and export contracts.

RIWP's selection for the British Army's requirements would see Moog significantly expand in the UK with investment for local manufacturing, replicating the mature facility in Salt Lake City, UT where Moog currently manufactures RIWP for the U.S. Army's M-SHORAD requirement. This would create significant economic benefits for the UK, including skills and knowledge transfer, job creation, and an influx of investment for Britain's onshore defence industrial base.

**Richard Allen-Miles, EMEA Capture Lead, Moog, said:** "We are looking forward to showcasing RIWP on two new vehicles at IAV and cementing our position as a leading contender for the British Army's current and future GBAD requirements.

Our technical integrations – carried out in the UK – once again highlight the significant versatility of the RIWP turret and how it can meet the British Army's SHORAD and C-SAT requirements, whichever vehicle is chosen to be the host. Supacat and KNDS are industry leaders in vehicle technology, and we are excited to be collaborating to provide the British Army with best-in-class capabilities."

**Phil Applegarth, Director, Head of Supacat, said:** "Our modular and highly versatile range of HMT have been designed to be agnostic of specific lethal and protective ancillaries, but

without doubt our partnership with Moog in this instance demonstrates the potency of two world-class defence companies working together. I am really excited to be able to showcase this at IAV 2025.”

**Stefan Fontanari, Senior Vice President Sales & Marketing, KNDS Deutschland, said:**

“This collaboration between Moog and KNDS Deutschland shows how an affordable air defence system can be highly effective. Leveraging the Moog RIWP weapon system, which is fitted with Thales’ Starstreak HVM and sensors, the Dingo 3 provides a modular, flexible platform that combines the best protection in the class with unmatched off-road mobility.”

**About Moog**

Moog is a worldwide designer, manufacturer, and systems integrator of high-performance precision motion and fluid controls and control systems. Moog’s high-performance systems control military and commercial aircraft, satellites, and space vehicles, launch vehicles, defense systems, missiles, automated industrial machinery, marine, and medical equipment. Additional information about the Company can be found at [www.moog.com](http://www.moog.com), and information about Moog’s Defence Division can be found at [www.moog.com/defence](http://www.moog.com/defence).

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