

New ground robot navigates contested terrain without giving away its position

Paris, France – 15 June 2026 – VisionWave Holdings, Inc. (Nasdaq: VWAV) today launched its new Uncrewed Ground Vehicle (UGV), at Eurosatory 2026. Known as VARAN, it is designed to operate autonomously, even in GPS-denied and jammed conditions, minimising its detectable emissions. Developed in response to lessons from Ukraine, the vehicle is designed and engineered in the UK.

Most ground robots rely on active radar, laser scanning, or a constant radio link to sense their surroundings. Each of those gives off a signal an enemy can detect and target. This vehicle is designed to navigate using cameras, thermal imaging, and 3D vision alone. It can plan its route onboard, with no operator link required. A unit can push it forward into hostile territory without it betraying its position, or theirs.

This seeks to answer the problem seen in Ukraine. Cheap drones, constant surveillance, and electronic warfare now punish any system that reveals itself. Jammed and GPS-denied conditions are treated as the normal case. The vehicle is designed to keep working where GPS and radio-dependent systems fail.

A height-adjustable chassis on extendable wheel arms automatically changes the vehicle's stance to suit the ground. VARAN runs low and fast across open terrain at up to 45mph (72km/h). It can then rise to clear water, rubble, and urban obstacles, with no operator input. Each wheel drives independently, so it turns on the spot in tight spaces. The goal of the vehicle is to allow an operator to no longer need to plan a route around bad ground or stop to reconfigure. It is designed with the goal of reaching positions that would otherwise need soldiers on foot.

If a wheel arm is damaged, the vehicle keeps moving. It completes the mission and returns to friendly lines under its own power, costing neither the mission nor a recovery under fire.

A single chassis is designed to fulfil multiple mission roles. These include Intelligence, Surveillance, Target Acquisition & Reconnaissance (ISTAR), air defence, counter uncrewed aerial systems, casualty evacuation, logistics, route clearance, force protection, electronic warfare support, and forward observation. The operator simply changes payload modules in the field, re-tasking it for a mission change, without returning to base. One platform covers jobs that would otherwise tie up several specialist vehicles and teams. VARAN can carry up to 400kg and tow more than 1,000kg, taking the weight burden off soldiers.

The vehicle is built to be fully repaired in the field. It uses common modular parts, backup motors, health monitoring as standard. The crew can therefore fix it wherever they are, keeping it operational and allowing operation well away from support infrastructure.

An open design lets nations fit their own sensors, encryption, and payloads. They manage their own through-life support, rather than accepting a sealed system they cannot adapt. The platform is engineered in the UK, with manufacture planned through local partners. The aim is to let adopting nations build sovereign capability around it.

"Traditional ground robots are too expensive, too complex, and too fragile to field at the scale modern operations demand," said Jeremy Williman, the British inventor of VARAN and

Managing Director of VisionWave UK and Europe. *"We started from the operator in the field, not the engineer in the depot. The result is a platform that keeps working when the link drops, the GPS dies, or the ground gets trickier."*

The vehicle is the flagship of VisionWave's STRATUM™ ecosystem. This is a connected family of air and ground platforms that share common parts, training, and support.

ENDS

At Eurosatory 2026

Launch: Day 1, 15 June 2026, 10:00 CEST. Booth Pe5a Ext6, Paris-Nord Villepinte. Live demonstrations run across all five days. Private briefings for procurement officials, capability planners, national integrators, and end-user representatives are available by appointment: varan@vwav.inc

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High-resolution images and video, including demonstration footage will be available by 12 June. Images and video of the launch will be available after 13:00 on 15 June.

Notes to Editors

VARAN™ – key specifications

Modular autonomous ground vehicle, eight reconfigurable mission profiles on a single chassis

Passive perception architecture: stereo vision, thermal imaging, dense 3D sensing. No active radar, LiDAR, or RF emissions

Height-adjustable chassis on extendable wheel arms, autonomous terrain adaptation without operator input

Payload capacity: 400kg. Towing: 1,000kg+

Maximum speed: 45mph. Gradient: 60%. Side slope: 40%

Operating temperature: -40°C to +70°C. IP67 rated. MIL-STD-810G

Dual-motor redundancy, real-time platform health monitoring, field repair kit issued as standard

Protected by 30 patents covering the core architecture

Designed and engineered in the UK, with manufacture planned through British partners

Under 12 months from order to delivery

About VisionWave

VisionWave is a technology company developing autonomous mobility and operational support platforms for contested environments. Its VARAN platform is designed and engineered in the UK. The wider STRATUM™ ecosystem brings together autonomous ground vehicles, aerial systems, counter-drone capability, and passive battlefield sensing within a single open-architecture framework.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and Section 21E of the Securities Exchange Act of 1934, as amended. Such forward-looking statements include, without limitation, statements regarding the VARAN platform's capabilities, performance specifications (including speed, payload, towing capacity, terrain adaptability, and mission endurance), development timelines, manufacturing plans, patent protection and prosecution, delivery schedules, market acceptance, integration into the STRATUM™ ecosystem, sovereign manufacturing partnerships, and potential adoption by defense and government customers. These statements are based on the Company's current expectations and assumptions and are subject to substantial risks and uncertainties that could cause actual results to differ materially from those described.

Forward-looking statements are generally identified by words such as "believe," "may," "will," "estimate," "continue," "anticipate," "intend," "expect," "should," "would," "plan," "project," "forecast," "predict," "potential," "target," "seek," or similar expressions, or by statements that events, trends, or results "may," "will," "could," or "should" occur or be achieved.

Such forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results, performance, or achievements to be materially different from any future results, performance, or achievements expressed or implied by the forward-looking statements. These risks and uncertainties include, but are not limited to: risks related to the development, integration, and testing of advanced autonomous systems, passive perception architectures, AI-driven navigation, and computer vision technologies; technology performance in real-world contested, GPS-denied, or jammed environments; the timing and successful achievement of technical milestones and proof-of-concept validation; regulatory, export control, ITAR, and national security approval requirements; ability to secure government and defense contracts or program-of-record status; market acceptance and competition from established defense contractors; availability of sufficient capital and financing; macroeconomic, geopolitical, and defense budget uncertainties; intellectual property prosecution, protection, and enforcement risks (including provisional and pending patent applications); manufacturing and supply chain challenges; integration risks associated with acquired or licensed technologies; delays or failures in achieving commercialization or delivery timelines; dependence on key personnel, strategic partners, and suppliers; and other risks detailed in the Company's filings with the U.S. Securities and Exchange Commission, including its most recent Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K.

All forward-looking statements speak only as of the date of this press release and are expressly qualified in their entirety by the cautionary statements contained herein and in the Company's SEC filings. The Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise, except as may be required by law. Investors and readers are strongly cautioned not to place undue reliance on these forward-looking statements.