

Einride to co-develop autonomous all-terrain vehicle for dual-use transport in Sweden

06-May-2026 12:57 GMT

IHS Markit

S&P Global

Supply Chain and Technology, Automotive

The initiative aims to enhance rural logistics, crisis resilience and national defense using Einride's vehicle-agnostic autonomous drive system

Einride AB announced that it will colead the development of an autonomous tracked vehicle capable of transporting standard EU pallets as part of an initiative to strengthen Sweden's civil and military preparedness. The tracked vehicle will be equipped with Einride's proprietary autonomous drive software, the



Source: Getty Images

Einride Driver, which is expected to enable autonomous transport of critical supplies in rural areas. In peacetime, the vehicle can be used for delivering food and medicine to locations such as nursing homes and elderly care facilities, while during wartime it can be utilized in military logistics. This dual-use approach improves rural transport, enhances resilience during crises and supports national defense capabilities. A demonstration is planned that will include autonomous operation on rural roads. The three-year project is led by the Swedish National Road and Transport Research Institute (VTI) and supported by a consortium of about 40 public and private partners.

Einride has received industry-first regulatory permits for autonomous vehicle operations across the US and Europe, and maintains a zero-traffic-incident safety record for its autonomous operations. The company will receive 7.8 million kronor (\$0.85 million) for its participation in the VTI-led project. The initiative contributes to NATO's Science and Technology Organization, where Einride researchers and engineers participate in NATO Exploratory Teams.

Key project partners, in addition to VTI and Einride, include Swedish Defence University, BAE Systems Bofors AB, Saab AB, Telenor Sweden, Bussgods i Norr AB and Lund University, with advisory support from the Norwegian Defence University College, among others. Under its Technology licensing business model, Einride offers its vehicle-agnostic autonomous system, the Einride Driver, which can be deployed on new vehicle platforms or fitted onto existing fleets to provide a faster and more cost-efficient path to autonomy.

Through its freight-capacity-as-a-service business model, Einride combines autonomous and electric trucks, AI optimization software and charging infrastructure into one integrated solution. The company operates one of the world's largest electric heavy-duty fleets, serving customers in the US, Europe and the Middle East with its electric and autonomous technology.

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