Aeva Selected by Forterra to Power Next-Generation Autonomous Defense Vehicles with 4D LiDAR

January 20, 2026

First Win in Defense Expands Aeva's Momentum as a Trusted LiDAR Supplier for Defense Autonomy Programs

MOUNTAIN VIEW, Calif.--(BUSINESS WIRE)--Jan. 20, 2026-- Aeva® (Nasdaq: AEVA), a leader in next-generation sensing and perception systems, today announced that it has been selected by Forterra, a pioneer in full-stack autonomous mission systems for defense and complex operational environments, to provide its 4D LiDAR sensors and perception technology for Forterra's autonomous vehicle system, AutoDrive.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20260120910245/en/

Forterra selects Aeva's 4D LiDAR technology for its next-generation autonomous defense vehicles.

Forterra's autonomous systems are transforming how ground vehicles operate in challenging and dynamic environments, from tactical logistics to forward reconnaissance. Aeva's 4D LiDAR technology will be integrated into the Forterra AutoDrive perception suite to enhance environmental awareness, obstacle detection, and navigation performance at extended distances — a critical capability for autonomous vehicles operating in unstructured, contested, and GPS-denied environments.

"Reliable, long-range and velocity aware perception is key to safe and effective autonomous operations," said Josh Araujo, CEO of Forterra. "Aeva's LiDAR technology and perception enable our autonomy platform's ability to see and understand the environment when it matters to operator safety and mission performance."

Forterra is leveraging autonomy to extend the reach, speed and effectiveness of autonomous platforms in the battlefield by removing warfighters from hazardous missions. Autonomous systems powered by advanced perception technologies like Aeva's LiDAR are being employed across defense programs focused on combat support, convoy operations, and tactical resupply missions by keeping soldiers out of harm's way while increasing mission lethality.

"This first win in defense validates the strength of Aeva's technology platform in delivering next-level perception for the most demanding autonomous mission systems," said Soroush Salehian, Co-Founder and CEO of Aeva. "Forterra's selection underscores the accelerating adoption of our technology across defense programs."

Aeva's advanced 4D LiDAR sensors deliver high-resolution, long-distance detection with simultaneous velocity measurement, providing robust situational awareness even in adverse weather, dust, and challenging terrain. These capabilities enhance Forterra's autonomy stack by enabling reliable detection of obstacles and terrain features at hundreds of meters — extending perception and decision-making horizons for autonomous ground vehicles.

About Aeva Technologies, Inc. (Nasdaq: AEVA)

Aeva's mission is to bring the next wave of perception to a broad range of applications from automated driving, manufacturing automation and smart infrastructure to robotics and consumer devices. Aeva is accelerating autonomy with its groundbreaking perception platform that integrates lidar-on-chip technology, system-on-chip processing, and perception algorithms onto silicon leveraging silicon photonics. Aeva 4D LiDAR sensors uniquely detect velocity and position simultaneously, allowing automated devices like vehicles and robots to make more intelligent and safe decisions. For more information, visit www.aeva.com, or connect with us on X or LinkedIn.

Forward looking statements

This press release contains certain forward-looking statements within the meaning of the federal securities laws. Forward-looking statements generally are identified by the words "believe," "project," "expect," "anticipate," "estimate," "intend," "strategy," "future," "opportunity," "plan," "may," "should," "will," "would," "will be," "will continue," "will likely result," and similar expressions. These forward-looking statements include, but are not limited to expectations about our product features, performance, potential applications, and the timing of production, and market adoption. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this press release, including, but not limited to:(i) the fact that Aeva is an early stage company with a history of operating losses and may never achieve profitability, (ii) Aeva's limited operating history, (iii) the ability to implement business plans, forecasts, and other expectations and to identify and realize additional opportunities, (iv) the ability for Aeva to have its products selected for inclusion in OEM products for commercial scale production, (v) the commercial success of any OEM products in which Aeva's products might be included, (vi) unforeseen manufacturing issues or defects, (vii) Aeva's ability to scale production if any products achieve commercial success, (viii) market acceptance of LiDAR technology and autonomous driving and other applications, (ix) general economic conditions and other material risks and other important factors that could affect our financial results. Please refer to our filings with the SEC, including our most recent Form 10-Q and Form 10-K. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and Aeva assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. Aeva does not give any assurance that it will achieve its expectations.

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Source: Aeva Technologies, Inc.