Aeva to Accelerate Scaled Production of 4D LiDAR for Autonomous Trucks in Collaboration with Daimler Truck North America

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Aeva and Daimler Truck North America to Expand Their Agreement for the Series Production of Aeva's 4D LiDAR; Aeva Plans to Install Production Capacity of up to 200,000 LiDAR Units Annually in North America to Support Growing Customer Demand; First Freightliner Cascadia Trucks Equipped with Aeva Sensors Now Operating on Texas Roads

MOUNTAIN VIEW, Calif. & PORTLAND, Ore.--(BUSINESS WIRE)--Jul. 16, 2025-- Aeva® (Nasdaq: AEVA), a leader in next-generation sensing and perception systems, today announced an expanded partnership with Daimler Truck North America (DTNA) to advance the commercialization of autonomous vehicles through enhanced production of Aeva's state-of-the-art 4D LiDAR technology.

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Aeva and Daimler Truck North America to expand their agreement for the series production of Aeva's 4D LiDAR technology.

As part of the strengthened collaboration, DTNA is providing additional non-recurring funding to further support Aeva's development as the company advances to series production. In response to the growing demand for Aeva's 4D LiDAR, Aeva plans to increase its production capacity to up to 200,000 LiDAR units annually, with the goal of supporting multiple customers including Daimler Truck for production of advanced sensing in autonomous vehicle applications.

This expanded partnership builds on the selection of Aeva as the production LiDAR supplier for Torc Robotics, an independent subsidiary of Daimler Truck AG, and its SAE Level 4 autonomous Freightliner Cascadia trucks. Marking a major milestone, the first autonomous-ready Cascadia trucks equipped with Aeva's 4D LiDAR sensors are now operating on public roads in Texas, further advancing Daimler Truck's vision for safe and scalable autonomous transport.

"We are proud to deepen our relationship with Daimler Truck North America and support their leadership in bringing safe autonomous trucks to market," said Soroush Salehian, Co-Founder and CEO at Aeva. "This investment enables us to accelerate delivering high-performance sensing capabilities critical for autonomous freight at commercial scale, as we increase the production capacity of our 4D LiDAR in North America."

"Our collaboration with Aeva continues to strengthen as we move closer to series production, and we are happy to expand our partnership and continue supporting Aeva as they ramp up toward their start of production," said Joanna Buttler, General Manager of Product Strategy and Market Development at Daimler Truck North America. "The performance, reliability, and scalability of Aeva's 4D LiDAR technology will make it a key component of our strategy to deploy safe, reliable, and efficient autonomous trucks."

LiDAR is a key enabling technology in autonomous driving. While traditional LiDAR sensors use high power laser pulses to sense distances to objects, Aeva's unique Frequency Modulated Continuous Wave (FMCW) 4D LiDAR technology uses a low power continuous laser beam to simultaneously measure range and velocity with high resolution at long ranges up to 500 meters. This enables vehicles to unlock new levels of safety and automation at highway speeds.

This announcement marks another step forward in Aeva's mission to deliver next-generation perception for autonomous mobility, and in Daimler Truck's commitment to transforming the future of freight transportation through automation.

About Daimler Truck North America

Daimler Truck North America LLC, headquartered in Portland, Oregon, is a leading provider of comprehensive products, services and technologies for the commercial transportation industry. Daimler Truck North America designs, engineers, manufactures and markets medium- and heavy-duty trucks, school buses, vehicle chassis and their associated technologies and components under the Freightliner, Western Star, Thomas Built Buses, Freightliner Custom Chassis Corp and Detroit brands. Daimler Truck North America is a subsidiary of Daimler Truck Holding AG (DTG), one of the world's leading commercial vehicle manufacturers.

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 to industrial robotics, consumer electronics, consumer health, security and beyond. Aeva is transforming autonomy with its groundbreaking sensing and perception technology that integrates all key LiDAR components onto a silicon photonics chip in a compact module.

Aeva 4D LiDAR sensors uniquely detect instant velocity in addition to 3D position, allowing autonomous 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 and our relationship with Daimler Truck. 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 other OEM products, (v) the fact that products using Aeva’s technology may never achieve commercial production; (vi) unforeseen delays or manufacturing or other issues, (vii) the impact of global tariffs or other global economic or political conditions and (viii) 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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