



## D2 Traffic Technologies Selects Aeva to Power Next-Generation Traffic Management Solutions

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*Aeva's Velocity-Sensing 4D LiDAR to Power Safer, Smarter Intersection and Highway Monitoring*

MOUNTAIN VIEW, Calif.--(BUSINESS WIRE)--Jul. 30, 2025-- [Aeva](#)® (Nasdaq: AEVA), a leader in next-generation sensing and perception systems, today announced that [D2 Traffic Technologies](#), a leading provider of advanced Intelligent Transportation Systems, has selected Aeva's 4D LiDAR to enhance its portfolio of smart traffic solutions for intersections, highways, and urban corridors.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20250730202266/en/>



D2 Traffic Technologies has selected Aeva 4D LiDAR to power next-generation intelligent traffic management solutions.

systems raises the bar for what's possible in traffic sensing—enabling smarter intersection control, more accurate vehicle counting, better pedestrian safety, and real-time insights for operators, all powered by richer and more reliable data.”

D2 plans to integrate Aeva's industry-leading Frequency Modulated Continuous Wave (FMCW) 4D LiDAR sensors into its next-generation traffic platforms to deliver richer, more precise data for intelligent transportation infrastructure. With the ability to simultaneously measure 3D position and velocity of objects at long range and with high resolution, Aeva's sensors significantly improve D2's ability to detect and classify vehicles, monitor pedestrian movement, and enable real-time traffic control—especially in complex and dynamic environments.

By adopting Aeva's 4D LiDAR technology, D2 aims to unlock a new level of traffic intelligence that enhances performance across a range of use cases, including urban intersection monitoring, tolling systems, HOV and HOT lane enforcement, incident detection, and smart city edge analytics. Unlike traditional LiDAR systems, which rely solely on 3D spatial data, Aeva's sensors provide direct velocity measurements for every point in the scene. This allows D2's platforms to more accurately distinguish between static and moving objects, track vulnerable road users like pedestrians and cyclists with greater reliability, and proactively respond to changing traffic patterns in real time.

“D2 Traffic Technologies is a leader in intelligent transportation infrastructure and we're excited they have selected Aeva's 4D LiDAR technology for their cutting-edge traffic management solutions,” said James Byun, Managing Director of Business Development at Aeva. “Our sensors provide unmatched awareness for real-world traffic environments, and we're proud to support D2's efforts to enhance safety, reduce congestion, and deliver smarter mobility experiences for cities and citizens alike.”

### About D2 Traffic Technologies

D2 Traffic Technologies is a leading provider of intelligent traffic management solutions, dedicated to creating innovative and efficient systems that enhance urban mobility and road safety. With a focus on cutting-edge technology and exceptional customer service, D2 Traffic Technologies delivers solutions that address the evolving challenges of modern urban environments.

### 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](http://www.aeva.com), or connect with us on [X](#) or [LinkedIn](#).

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### 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 D2. 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, (v) acceptance of the technology in the traffic management market and market acceptance of the technology, (vi) that the arrangement may not result in commercial scale production and sales of Aeva’s products, (vii) market acceptance of D2’s products, (viii) unforeseen manufacturing or product defects, and (ix) 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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