



Ouster Sensors Play Key Role in Forterra's Lancer Completing 1,426 Missions and 88 Casualty Evacuation Operations in Ukraine

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Expanding a multi-year strategic partnership to enhance soldier safety while increasing force projection, Forterra plans to further advance its AutoDrive platform with Ouster REV8 native color lidar for next-gen defense vehicles

SAN FRANCISCO--(BUSINESS WIRE)--Oct. 21, 2026-- [Ouster, Inc.](#) (Nasdaq: OUST), a leader in sensing and perception for Physical AI, and [Forterra](#), the leader in autonomous mission systems for military operations in contested environments, today announced that Forterra's Lancer autonomous ground vehicles have completed 1,426 missions and 88 casualty evacuation operations in Ukraine including Ouster Rev7 OS1 digital lidar at the core of their sensor fusion perception stack. Forterra built and delivered 105 Lancers in under six months, and across more than 7,300 miles they have run routes that would otherwise have put a crew inside the vehicle.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20261021344872/en/>



Forterra's Lancer keeps crews out of harm's way, this one lost on a mission in Ukraine with no one aboard.

The Lancers arrived in Ukraine in October 2025. Built on the Polaris RANGER XP 1500 and modified in theater with Starlink for resilient communications, each vehicle carries up to 750 kilograms of critical equipment to the war fighters. Lancers are operating in high danger zones where persistent drone surveillance makes crewed vehicles high value

targets and creates unnecessary risk for personnel. Instead, uncrewed Lancer systems deliver essential supplies and evacuate wounded soldiers without undue risk to additional personnel.

"Forterra exists to take people out of harm's way, and in Ukraine, Lancer is doing that every day under constant drone surveillance," said Forterra CEO Josh Araujo. "As we advance AutoDrive toward higher levels of autonomy, Ouster sensors give us the perception foundation required by the next generation of vehicles."

To date, Forterra has integrated AutoDrive across more than 50 vehicle platforms deployed in over ten countries. This includes the Squad Multipurpose Equipment Transport (SMET) program and the Marine Corps ROGUE Fires platform, which recently entered Block 2 production, making it the most widely deployed autonomous driving system in the defense industry and the first system fielded by the U.S. military to enable autonomous maneuver of ground vehicles.

Forterra's AutoDrive capability is built upon Forterra's 24 years of operational experience and over \$500 million invested in engineering development and operations. Throughout a multi-year partnership, Ouster digital lidar has been a key part of Forterra's AutoDrive platform and its operational success.

Ouster's sensors enable 360-degree situational awareness for autonomous ground vehicles operating in complex and unpredictable environments. Each Ouster OS1 sensor covers ground that would otherwise require several narrow field-of-view sensors, which means fewer units for Forterra to integrate, power, and maintain on every vehicle. Additionally, lidar ranges are independent of ambient light, and dual returns report both an obscurant and the surface behind it, so perception holds in fog, dust, rain, and darkness.

"Forterra operates autonomous ground vehicles in some of the most challenging environments on the planet, where reliable perception and safety are critical to the vehicle operators and soldiers," said Angus Pacala, co-founder and CEO of Ouster. "Ouster's technology gives these vehicles a detailed, real-time understanding of their surroundings, helping them navigate complex terrain and operate with greater confidence when GPS, road markings and ideal conditions cannot be relied upon."

Next-Gen Sensing, Built to Automotive Standards

Ouster's next-generation native color digital lidar, Rev8, is designed for ASIL-B functional safety to ISO 26262, cybersecurity to ISO 21434, and support for automotive ethernet, all requirements that unmanned ground vehicle programs increasingly demand.

Off-road work causes constant vibration and shock and subjects lidar sensors to temperatures that swing from arctic cold to desert heat. Rev8 is the most rugged lidar family Ouster has built yet, qualified from -40 °C to +85 °C and ingress-protected against dust and water, allowing sensing in the harshest conditions. Rev8 also captures color in the same silicon as the 3D data, giving perception software a second channel alongside range for classifying what is in the scene.

About Ouster

Ouster (Nasdaq: OUST) is a leader in sensing and perception for Physical AI across industrial, robotics, automotive, and smart infrastructure. With a unified platform of high-performance digital lidar, cameras, AI compute, sensor fusion and perception software, and AI models, Ouster delivers solutions that improve quality of life in the physical world. Headquartered in San

Francisco, CA, Ouster has a global presence serving thousands of customers with offices in the Americas, Europe, and Asia-Pacific. For more information about our products, visit www.ouster.com, contact our [sales team](#), or connect with us on [X](#) or [LinkedIn](#).

About Forterra

Forterra is the autonomy backbone for distributed, mission-aware, resilient military operations in contested environments. Building the foundational autonomy platforms that coordinates weapons, sensors, and users through distributed mobility, compute, and communications, anywhere, under fire, without risking human life, Forterra empowers its customers to deploy autonomy as a force multiplier, extending reach, readiness survivability and effectiveness across the battlespace and industrial applications. Forterra is headquartered in Clarksburg, Md., with offices in Arlington, Va., Winter Park, Fl., Ketchum, Id. and Palo Alto, Ca. To learn more, go to forterra.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Ouster intends such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements are based upon current plans, estimates and expectations of management that are subject to various risks and uncertainties that could cause actual results to differ materially from such statements. The inclusion of forward-looking statements should not be regarded as a representation that such plans, estimates and expectations will be achieved. Words such as "anticipate," "expect," "intend," "may," "will," "should," "plan," "could," "estimate," "possible," "potential," "pursue," "likely," and the negative of these terms and similar expressions are intended to identify forward-looking statements, though not all forward-looking statements use these words or expressions. All statements, other than statements of historical fact, including statements regarding the capabilities of Ouster's products, including their reliability under rugged conditions; the anticipated performance, benefits to and expectations around customer adoption and application of Ouster's product offerings; and uses for Physical AI all constitute forward-looking statements. All forward-looking statements are subject to risks and uncertainties that may cause actual results to differ materially from those that we expected, including, but not limited to, product quality and liability risks; supply chain constraints; cancellation or postponement of contracts or unsuccessful implementations; risks related to the use of AI tools by us and others, including risks related to product performance, cybersecurity, and data privacy; Ouster's ability to respond to evolving regulations and standards; and other important factors discussed in Ouster's Annual Report on Form 10-K for the year ended December 31, 2025, and as may be further updated from time to time in Ouster's Quarterly Reports on Form 10-Q and other filings with the SEC. Readers are urged to consider these factors carefully and in the totality of the circumstances when evaluating these forward-looking statements, and not to place undue reliance on any of them. Any such forward-looking statements represent management's reasonable estimates and beliefs as of the date of this press release. While Ouster may elect to update such forward-looking statements at some point in the future, it disclaims any obligation to do so, other than as may be required by law, even if subsequent events cause its views to change.

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