

COAST Autonomous Optimizes Self Driving Vehicle Safety with LeddarTech's Cocoon LiDAR

COAST Autonomous selects LeddarTech's solid-state LiDAR technology as the most reliable solution to achieve maximum safety levels for its self-driving vehicles designed for campus and urban environments.

QUEBEC CITY, June 4, 2019— **LeddarTech**®, an industry leader in automotive and mobility LiDAR technology, is pleased to announce that COAST Autonomous has selected LeddarTech for its autonomous shuttles. COAST Autonomous, founded by veterans of the self-driving industry, chose LeddarTech's technology because of its ability to deliver enhanced safety for COAST Autonomous' vehicles. The robustness and reliability of LeddarTech's solid-state technology meet today's demanding mobility conditions and makes it the technology of choice toward preventing collisions in stop-and-go applications by eliminating dead zones left by other sensing technologies.

COAST Autonomous has developed self-driving vehicles that integrate several detection technologies, including LiDAR, RADAR, and camera. LeddarTech's LiDAR provides full coverage with no dead zones within the entire perimeter of the vehicle, also referred to as the cocoon. This protects vulnerable road users such as pedestrians who may approach the vehicle in stop-and-go situations. LeddarTech's cocoon LiDAR provides a unique solution enabling safe, fully autonomous vehicles. "With the intent of providing the safest rides to our passengers, our selection of detection technologies takes into consideration the maturity of the partners we work with and their ability to consistently deliver on their promises," stated Pierre Lefevre, Chief Technology Officer at COAST Autonomous. "With more than a decade of experience building LiDAR sensors, LeddarTech is the perfect partner for us and has consistently shown it could exceed our expectations."

"We are honored that our cocoon LiDAR solutions were selected and trusted by COAST Autonomous to be part of its self-driving vehicles," stated Adrian Pierce, VP of Global Sales & Business Development of LeddarTech. He went on to say, "COAST has an amazing track record with over 60 trials in 7 different countries and impressive history of transporting over 120,000 passengers. The first element of Coast's charter is safety first, and the deployment of LeddarTech's cocoon LiDAR supports that charter and the commitment Coast makes to their customers. "Mr. Pierce concluded that making mobility applications safer is at the core of our DNA. Our technology offers the right balance of performance and cost-effectiveness and is ready for deployment today."

PRESS RELEASE

[About COAST Autonomous](#)

COAST Autonomous is a software and technology company focused on delivering AV solutions at appropriate speeds for urban and campus environments. COAST's mission is to build community by connecting people with mobility solutions that put pedestrians first and give cities back to people. At the center of one of the fastest and most profound disruptions to impact the transportation and logistics industries, COAST has developed the full stack of Autonomous Vehicle (AV) software that includes mapping and localization, robotics and artificial intelligence (AI), fleet management and supervision systems. Partnering with proven manufacturers, COAST can provide a variety of vehicles equipped with its best-in-class software to offer Mobility-as-a-Service (MaaS) solutions to cities, theme parks, campuses, airports, and other urban environments. Based in Pasadena, California, COAST's team is recognized for its experience and expertise in all aspects of implementing and operating AV fleets while prioritizing safety and the user experience. To learn how COAST Autonomous can help you power autonomous transportation in your environment, please visit www.coastautonomous.com.

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[About LeddarTech®](#)

LeddarTech is an industry leader providing the most versatile and scalable automotive LiDAR development platform based on the unique LeddarEngine™ which consists of a suite of automotive-grade, functional safety certified SoCs working in tandem with proprietary LeddarSP signal processing software. The company is responsible for several innovations in cutting-edge mobility remote-sensing applications, with over 70 patented technologies (*20 pending*) enhancing ADAS and autonomous driving capabilities for automobiles.

LeddarTech also serves the mobility market with solid-state high-performance LiDAR module solutions for autonomous shuttles, trucks, buses, delivery vehicles and robotaxis.

Additional information about LeddarTech is accessible at www.LeddarTech.com, and on [LinkedIn](#), [Twitter](#), [Facebook](#), and [YouTube](#).

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