

PRESS RELEASE

AIDrivers partners with Turkish based Largo Robotics to develop next generation autonomous electric vehicles for logistics and retail markets



- London based AIDrivers Ltd designs, develops and delivers Ai enabled autonomous drive software and integrated self-aware solutions to port operators globally.
- Largo Robotics produces autonomous electric tow tractors for indoor and outdoor use in the logistics field and autonomous indoor robots for retail environments.
- The two companies will work together to create the next generation autonomous electric tow tractors and robots by combining AIDrivers' AIOS Autonomous Intelligent Operating System with Largos' robotics expertise with the potential of a global rollout.

London, UK, 22nd June 2021: AIDrivers and Largo Robotics today announce their collaboration agreement. AIDrivers is granting use of its autonomous software stack to Largo Robotics to enable the incorporation and integration of this technology into Largo Robotics' electric tow tractors for logistics applications. The incorporation of the AIDrivers software will enhance the autonomous capabilities of the platform incorporating the key tools of V2X enabled fleet operator and digital twin to meet industry needs for sustainable automation.

AIDrivers' Autonomous Intelligent Operating System (AIOS) includes precision 3D mapping and localisation, Ai enabled perception with situation cognisance and responsive autonomous drive including a behavioural model of articulated vehicles for natural navigation. This enables vehicles to

navigate in mixed traffic within dynamic environments. The AIOS is powered by the Ai enabled fleet operator (AIFO) which provides a holistic view of autonomous operations for in-time operations.

The specialised V2X enabled AIFO is designed to improve the business operations, safety and productivity by delivering effective scheduling, efficient path planning and a self-aware environment with cognitive abilities via V2X for predictive mobility analytics and smarter environment perception. The autonomous fleet operations and optimisation is supported by innovative phasic based digital twin (AISE).

AISE is an autonomous enabled integrated simulation platform based on a true 3D environment which provides a global map coordinate system with embedded autonomous agents providing a real-world environment experience. This enables the staging for seamless integration with zero down time deployment as well as be the backbone to test and optimise the operations.

The AIOS platform will be integrated to empower Largo Robotics electric tow tractor which has already achieved its CE compliance approval in Turkey. Having successfully achieved proof of concept, a number of orders for these tow tractors have been received and the company is scaling up for production and delivery. The adoption and integration of the AIDrivers' autonomous software stack will further improve the capabilities and safety of the Largo Robotics tow tractors.

The AIDrivers and Largo Robotics team will work closely to ensure the successful integration and deployment of Largo Robotics' products and will further work together to optimise their performance in logistics and retail environments. First orders have been secured in Turkey and together the two companies are now targeting global scale and deployment to meet the global supply chain demand.

AIDrivers' mission is to accelerate autonomous mobility technology to meet industry needs for resiliency, safety and sustainability.

Largo Robotics is a leading Turkish robotics company which has developed autonomous electric tow tractors for the logistics market and autonomous robots for the retail environment.

Dr Rafiq Swash, CEO and Founder of AIDrivers commented:

"AIDrivers has developed industry leading autonomous software that enables vehicles to operate autonomously without any infrastructure change in a variety of environments and conditions. Whilst our initial focus has been in larger and heavy vehicles in the ports sector the technology has multiple applications across many industries and we are delighted to be collaborating with Largo Robotics to complement their products and solutions in the logistics field. Largo Robotics already has a leading

autonomous electric tow tractor in the market, and we are excited to team up to meet the industry needs for the future sustainability.”

Baris Ustun, Co-Founder and MD of Largo Robotics said

"Largo Robotics have developed an autonomous electric tow tractor for the logistics industry. We are always looking to enhance our products and have been impressed by the capabilities that AIDrivers has developed autonomous solutions to equip port vehicles and cranes with a proven track record in the sector. We believe that by incorporating AIDrivers' autonomous software stack into our robotics products we will be able to provide competitive solutions with safety at the fore in the logistics industry which is highly demanding and never sleeps. This is a natural next step for us, and we are looking forward to working with AIDrivers team and their exceptional technology."

About AIDrivers Ltd (www.AIDrivers.ai)

AIDrivers is a UK based Ai enabled autonomous mobility company delivering solutions to ports and logistics globally. The technology is accelerating the transition to autonomous mobility for integrated automation to address industrial challenges, to optimise business operations and to improve quality of service.

About Largo Robotics (www.largorobot.com/)

Largo Robotics provides robotics solutions for factories, warehouses and stores. Their mobile robots use autonomous technology and 3D Lidar to map their environments and complete tasks safely avoiding any obstacles in their vicinity.

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Largo Robotics

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