EXEROS
TECHNOLOGIES

PRESS RELEASE

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Exeros Technologies presenting the latest AI tech in fleet safety at The CV Show

Exeros is paving the road to smarter transportation. Currently seeking to expand the understanding of camera tech, the company is one step closer to achieving its vision of making sure that every road user makes it home safely each day.

Fleet customers are presented daily with significant risks on the road with human error accounting for over 80% of all accidents [Source: Department of Transport 2019].

With the aim to reduce further risks for fleets, Exeros has been ramping up the quality and quantity of the events its cameras can recognise by training its AI ADAS algorithms. Doing so, whilst also developing a single architecture that can accommodate the integration of multiple safety systems to help revolutionise the transport industry.

Passionate about the advancement of vehicle safety technology and the impact such has on saving human lives, the R&D team at Exeros has recently been running specific tests to further improve the accuracy of our driver alertness safety system for distracted driver behaviour in different scenarios. **Today, our distracted driver monitoring capability can detect greater than 99% of events following specific tests analysing the repeatability of visual circumstances.**

There's a lot of responsibility placed on the driver to keep passengers and vulnerable road users safe, so if we could assist them in their job using technology, why wouldn't we?

Driver fatigue remains one of the most dangerous factors in commercial driving, responsible for thousands of accidents every year on the roads. If we give drivers prompt and accurate alerts of risky behaviour, we can reduce the risk down drastically.

On the software side of things, Exeros have been working behind the scenes on our AI technology platform; a powerful single infrastructure for full fleet visibility and easy fleet management - VideMatics®.

Our VideMatics platform today combines traditional telematics features with the sophistication of video data, also soon incorporating a pro-active approach to driver scoring and driver improvement through human driver intervention and incentives. Integrating all our hardware solutions onto one central platform for full fleet visibility and easy decision-making.

Typically, companies operating fleets in the majority of industries, manage a multi-supplier system resulting in suboptimal data collection and analysis, making decision-taking slower.

With our central camera platform, Exeros have now developed a single, scalable and modular architecture that can accommodate the integration of multiple safety systems depending on need.

Through a smart, unified system, transit operators can ensure that operations are coordinated and efficient, saving costs and maximising efficiency while optimising road safety for drivers and passengers alike.

The Exeros' platform connects specific modules together including camera-based visibility systems, telematics and reporting, ADAS, AI driver alertness systems, passenger counting, and more.

Still in its first launch phase, VideMatics® promises to be the ultimate fleet management tool for fleet managers across the board.

The company today, is involved in a multitude of projects for some of the largest fleets such as the RAC, AA, FirstBus and National Highways among others.

As we progress through 2022, the company continues work with neural networks for vehicle counting, passenger counting, object tracking, smart cities for car parking, mobility as a service, automatic number plate recognition (ANPR) whilst expanding our international business relationships.

If AI can help optimise route and fleet efficiency, improve fleet safety and help gradually introduce enhanced autonomous functionality, it could provide the tools to navigate the route to net-zero.

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About Exeros Technologies

Founded in 2009, Exeros Technologies are experts in computer-vision for vehicles with a mission to accelerate vehicle camera AI to protect lives, reputations and reduce risk.

Our market-leading experience in this sector enables us to consult with the largest UK fleets as a strategic technology partner, allowing us to deliver solutions to major transport challenges faced by fleets.

At Exeros we value integration and continuously pursue new opportunities to further advance vehicle and driver safety by bringing together all security components into one smart system.

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