



Fusion Processing give vehicles Level 5 autonomy

- *Developed over 1.6million kilometres*
- *Proven in the rain and snow*
- *Over 1,300 public journeys made on the CAVstar® system*

Find out more on Stand AV5007.

Technology innovators, Fusion Processing Ltd, showcase their state-of-the-art Level 5 automation system, CAVstar®, at the Autonomous Vehicle Technology World Expo, Stuttgart.

Fusion's pioneering combination of software and hardware can be retrofitted to cars and heavy goods vehicles, converting them to Level 4 and 5 autonomy and enabling new levels of mobility.

A robust and proven system that has been deployed in five major driverless vehicle trials, including the UK's largest, the GATEway Project. The GATEway Project took place in London over several years, culminating in March 2018 with a fleet of four CAVstar® controlled pods operating a public hop-on hop-off service along a 3.4 km route.

CAVstar® is a complete system, from antenna to sensors and controller, it combines radar, LIDAR, cameras and ultrasonic sensors to give a full 360° view around a vehicle and provide navigation and collision avoidance. The system was developed in real-world dynamic environments with obstacles including pedestrians, dogs and cyclists. This range of sensors also allows the vehicles to operate in adverse weather conditions such as rain and even snow. CAVstar® also works perfectly in the dark, and it is ready to be installed in any automotive vehicle.

World Leaders in situational awareness and control systems technology, Fusion Processing's products have clocked up over 1.6 million kilometres of service. Like CAVstar®, Fusion's CycleEye radar and optical safety system for busses and trucks was designed and developed in house at their Bristol, UK headquarters. With numerous vehicles taking part in trials today, Fusion are driving road safety and enabling smart city traffic management that is set to transform the automotive industry.

Meet the team on stand AV5007 during the show.

For more information, please contact Fusion Processing Ltd

Marketing Director

Jim Fleming

jim.fleming@fusionproc.com

+44 (0) 7788 947 586

CEO

Jim Hutchinson

jim.hutchinson@fusionproc.com

+44 (0) 7879 233 826

