



GAVIN DAVIES

BSc (Hons) MCSFS

Consultant
Investigations Group

Gavin Davies is a Consultant in the Investigations Group at TRL, specialising in road accident reconstruction and providing consultancy advice. Gavin holds Bachelor of Science degrees in Electronic Design (University of Wales Institute, Cardiff – 2006) and Forensic Road Collision Investigation (De Montfort University, Leicester – 2022). As part of Gavin's more recent studies, he conducted research into the use and accuracy of Global Navigation Satellite Systems (GNSS) within the field of accident investigation.

Prior to joining TRL, Gavin worked as a Forensic Collision Investigator with North Wales Police for over seven years. Within this role, he was responsible for attending and investigating fatal and serious injury collisions, as well as collisions involving police vehicles. Gavin has undertaken specialist training in pedestrian and pedal cycle collisions, motorcycle collisions, vehicle dynamics, tyre technologies, tachographs, crush damage analysis, and accelerometers.

Gavin specialises in the interpretation of digital data, including CCTV, GPS, telematics and Incident Data Recorders. He is also experienced in the analysis of data recovered from electronic control units (ECUs) including airbag and restraint control modules (ACM/RCM), and insurance telematics devices.

Gavin has considerable experience in the gathering and interpretation of collision scene evidence and has attended collision scenes involving pedestrians, motorcycles, motorcars, Large Goods Vehicles (LGV) and agricultural vehicles. He holds driving licence categories for both cars and large goods vehicles and whilst working for North Wales Police was a qualified advanced police driver. Gavin is proficient in 3D laser scanning, total station theodolite, and CAD drawing for the production of 2D scale plans. He is experienced in conducting deceleration (brake) testing and has a good understanding of 3D collision modelling.

Gavin is an experienced expert witness and has given expert evidence at Coroners and Crown Courts. He has also provided expert evidence to support investigations being undertaken by both the Independent Office of Police Conduct (IOPC) and The Health and Safety Executive (HSE).