



## CRAIG ARNOLD

MSc MCSFS FIMI AAE CAT

Senior Consultant  
Investigations Group

Craig Arnold is a Senior Consultant in the Investigations Group at TRL and is the Technical Lead for our investigations conducted on behalf of the United Nations. Craig holds a Master's degree and has researched the use of big-data and machine learning to reduce road collisions whilst studying for a PhD in Criminology.

Craig is an experienced investigator with over a decade specialising in road collisions and has international casework experience involving collisions in South America, Africa, and Europe. He holds a Certificate of Higher Education with Distinction in Forensic Road Collision Investigation and has reconstructed a wide range of incidents. Craig specialises in road collision reconstruction and CCTV analysis, particularly in relation to vehicle speed and line-of-sight analysis. He is a LEVA Certified Forensic Video Technician (CFTV) qualified to level four. Craig is a digital data specialist and has experience with tachographs, incident/event data recorders, and vehicle-borne accelerometers (telematics) and has investigated collisions involving connected vehicles.

Craig holds driving licence categories for motorcycles, large goods, and passenger-carrying vehicles. Craig is also a contributor to the book 'Roadcraft – The Police Driver's Handbook and before joining TRL was a class one advanced police pursuit driver, and police motorcyclist. He has specialist experience with commercial vehicles and has led investigations involving load security, dangerous goods (ADR), and abnormal loads. He is a Fellow of the IMI, Advanced Automotive Engineer, and a full member of the Chartered Society of Forensic Science. He is also qualified to inspect hybrid and electric vehicles. As a Certified Automotive Trainer (CAE), and holding training and assessing qualifications, Craig leads the delivery of TRL's Collision Investigation training course and has lectured at various Universities and industry events. He is also a competency assessor for Forensic Collision Investigators in the UK.

Craig is an experienced expert witness and has prepared written expert reconstruction reports for the Court and compiled Joint Expert Statements. In addition, Craig has given evidence across the judiciary including Criminal, Civil, Coroner's courts, and Public Inquiries.

### Notable projects:

- 2015 *Abnormal load policy framework.*** The project implemented wide-ranging safety improvements for abnormal load management. The changes were later debated and congratulated in the House of Lords.
- 2021 *AV post-collision investigation framework.*** The project developed a post collision investigation framework for highly autonomous vehicles and considered the data requirements for such investigations.
- 2022 *Connected & Autonomous Vehicle (CAV) end-to-end claims management.*** The project developed customer experience improvements for claims related to connected and autonomous vehicles. This project consulted stakeholders from various industries, including insurance, legal, and OEMs.
- 2023 *UNHCR collision investigation and root cause analysis.*** Craig is the Technical Lead on this international project which requires the investigation and research of collisions involving UNHCR vehicles.