



Digital Forensics of Heavy Vehicle Event Data Recorders

July 11-13, 2017 * Tulsa, Oklahoma

Instructed by Jeremy Daily & Scott Skinner

Most heavy vehicles in use today have some sort of event data recorder (EDR). These EDRs monitor and record data from the vehicle and are often capable of providing information about the operation of the vehicle. This data can be used in courts and thus need to be treated as digital forensic evidence.

Understanding how to **OBTAIN, PRESERVE, and INTERPRET** these data in a forensically sound manner is important to **crash investigators, engineers, safety managers, fleet safety personnel, and law enforcement** as they try to discover the truth of how and why crashes involving heavy vehicles happen...which is the objective of this three-day program.

By attending this 3 day course, you will walk away...

Knowing how to:

- Access and preserve hvEDR data using forensically sound techniques so it is viable in court.
- Troubleshoot connection and power problems with forensic tools and heavy vehicle systems
- Connect ECMs to sensor simulators to set up a fault free environment and obtain data without overwriting information of interest

And Understanding:

- How the reported data are determined so that valid interpretations can be made
- The known limitations of the data, including when the data is not captured
- The basics of digital forensics and forensic soundness of data
- Practical vehicle network principles, including J1939, J1587/J1708, and RP1210

COURSE HIGHLIGHTS & FEATURES:

- Training incorporates the new Forensic Link Adapter and Smart Sensor Simulator from Synercon Technologies
- Hands-on practice opportunities with actual ECMs available for practicing
- Combination of theory and practical training to maximize content and knowledge retention
- Small group lab exercises and discussions
- Team-taught by leading industry experts

Course Registration Fees:

\$995 per person - Group Discount (2 or more)

\$1295 per person - Early Bird Discount – **sign up before June 9, 2017**

\$1595 per person – Regular Tuition fee