



Crash Data Retrieval Experts
EDR Data Analysts

CDR Technician and EDR Analyst Course Announcement

16 – 19 October 2023

SERMOTIVE as EUDARTS partner will organize in next October 2023 a second edition of CDR Technician and EDR Analyst Course in Leiria, Portugal.

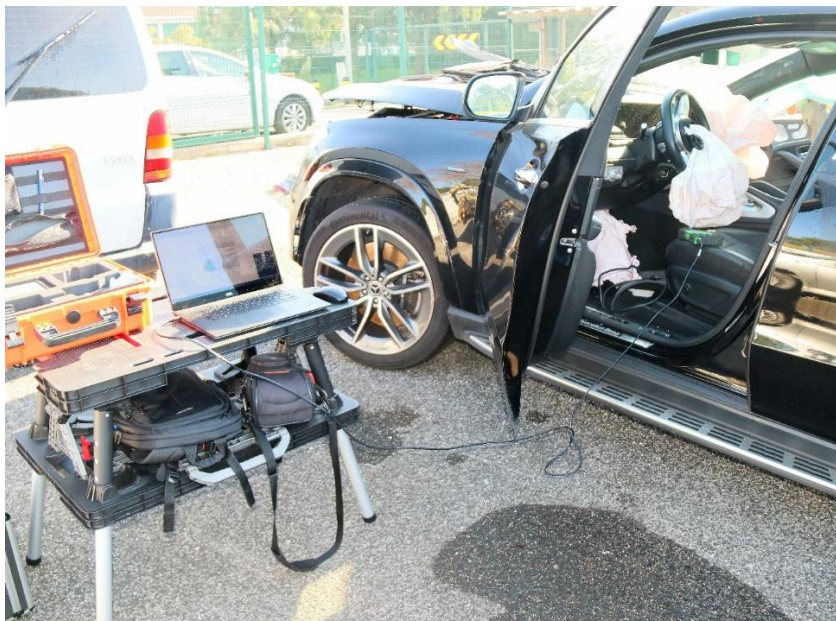
This **CDR Technician and EDR Analyst Course** was designed for those interested in achieving a next level of car accident investigation with reading out digital data recorded by the vehicle in the moment of crash. Basics on electronics an automotive safety systems technology is needed to attend this course. CDR Technician and EDR data Analyst certification will be emitted in case of course exams good results.

We look forward to your participation in this course to learn more about the modernized techniques for helping on car crash investigations.

All students that want's to participate must send email for: edrportugal@sermotive.pt or sergio.santos@sermotive.pt

After your email we will send all details that you will need (Platform login, hotel reservation, costs....).

The Course will, due to our international group, be given in the English Language.



Time (sec)	Speed, Vehicle Indicated (MPH [km/h])	Accelerat or Pedal (%)	Engine Throttle Position (Combust ion Engine) (%)	Engine RPM (Combust ion Engine) (RPM)	Engine RPM (Electric Engine 1) (RPM)	Steering Input (deg)
-5.0	47 [76]	100	10	4,224	Data Not Available	6
-4.5	51 [82]	100	10	4,032	Data Not Available	0
-4.0	53 [86]	100	10	3,392	Data Not Available	0
-3.5	57 [91]	100	10	3,584	Data Not Available	0
-3.0	59 [95]	100	10	3,776	Data Not Available	6
-2.5	62 [99]	69	10	3,904	Data Not Available	14
-2.0	63 [101]	0	10	3,456	Data Not Available	34
-1.5	62 [99]	0	10	2,880	Data Not Available	50
-1.0	59 [95]	0	10	2,816	Data Not Available	82
-0.5	55 [88]	0	10	2,560	Data Not Available	132
0.0	48 [77]	0	10	2,304	Data Not Available	128



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Course Plan:

Course Description: CDR Technician and EDR Data Analyst Course Trainers: Jeroen van Essen and Sérgio Santos
8h e-learning course (This Course is a prerequisite for 4-day course) Access to the e-learning platform will be sent to each trainee's email address.
Day 16 of October (9:00- 17:00)
Reception of the Trainees (Open room for coffee and greeting)
Course Presentation
EUDARTS/TRDARTS Presentation
European Regulations and Standards
CDR Hardware and Software practice
Training of D2M readings with real accident modules from different OEM's Use of the different adapter cables and tools (CanPlus, CDR900 and CDR500)
Day 17 of October (9:00-17:00)
Introduction to the CDR Analyst Course
Discussion of Airbag Module Readings
Technology of CDR Support Vehicles
EDR functionality - Description and data
Critical speed - ΔV
Exam
18 and 19 of October (9:00-17:00)
Presenting the specifications of each OEM in reading the crash data: - Toyota; Volvo; Chrysler; GM; BMW; BMW; Ford; Mazda; Nissan; Suzuki; Audi; Volkswagen; Mitsubishi
Analysis of the contents of reports downloaded with the CDR
Presenting the new CDR2
Number of events registered / Limitations of each manufacturer
Final Course Exam
Important Notes:
All trainees are requested to bring a computer for the exams and training. The course documentation will be available to each trainee.