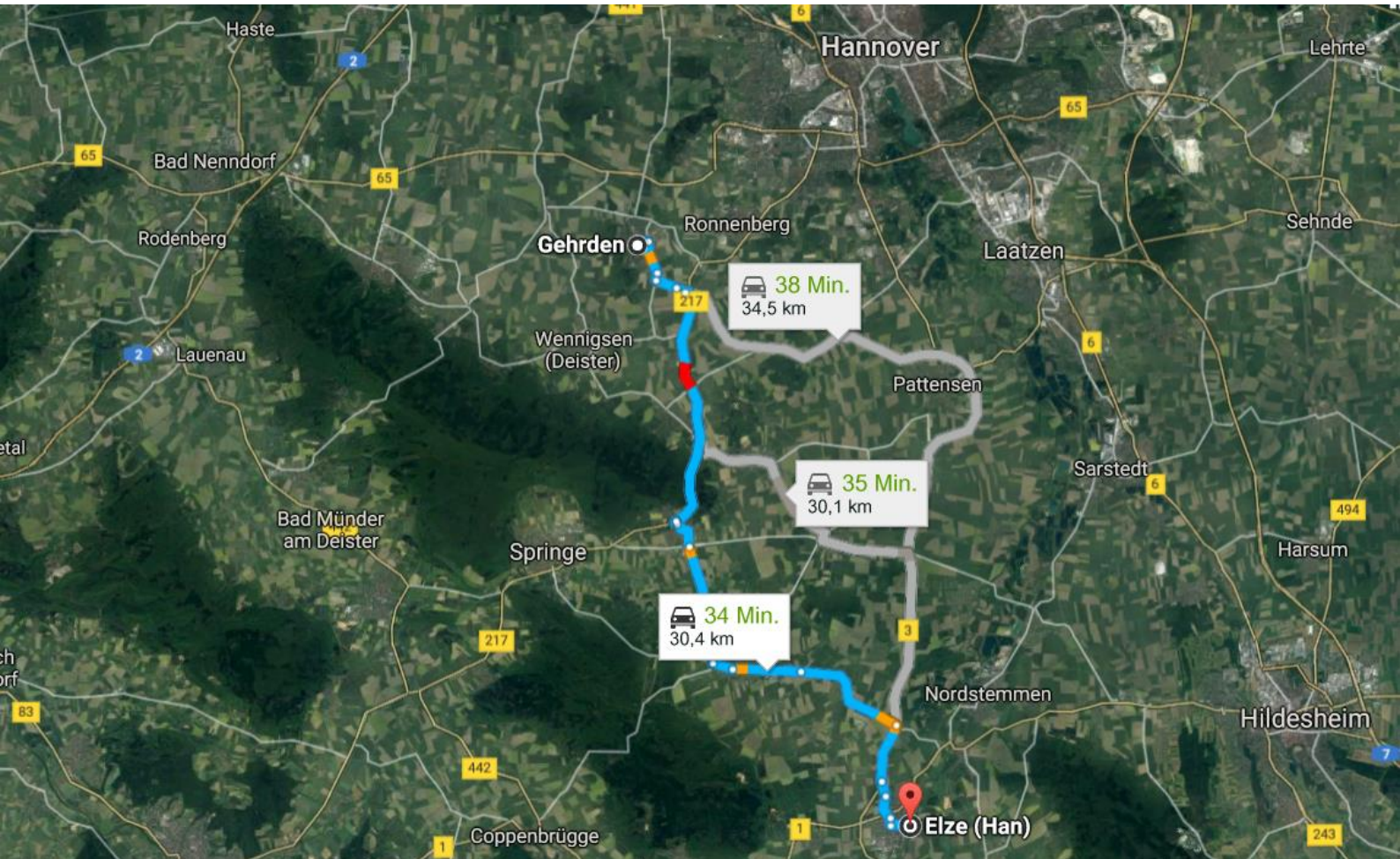


vDriver™ Simulation Software

for real traffic and road-hazard conditions



- Dramatically reduces development timescales due to the efficiency of reproducing a variety of operational circumstances in a controlled environment
- Reproduce specific favourite or defined routes from any location in any of your test facilities
- Replicate your customers' preferred test route in your facility without the expense and logistics of vehicle testing on location
- Evaluate appropriate Hybrid Powertrain strategies under realistic operational demands (e.g. urban environments)

fact sheet:

vDriver™ Simulation Software for real traffic and road-hazard conditions

vDriver™ operates as a distance based sequencer, allowing users to reproduce specific routes and driving styles on their chassis, transient engine and powertrain dynamometers. Users can either record routes, or select global pre-recorded routes provided within the package. The vDriver™ package incorporates real-traffic and road-hazard conditions into the test-cell, allowing the user to simulate realistic operational conditions into the development cycle both quickly and repeatedly.

Applications

- ✓ Customer specific and regulatory vehicle testing
- ✓ Vehicle exhaust emission testing
- ✓ Vehicle mileage accumulation testing
- ✓ Climatic / Environmental vehicle testing
- ✓ NVH testing
- ✓ Powertrain testing

Features

- ✓ A powerful Journey Recording application for one-time capturing of route and road data whilst driving
- ✓ Definition of driver behavior and style-characteristics
- ✓ User may define either select from a pre-loaded or customize the driving style using parameter listings to create a specific Real Driver characteristic
- ✓ User may define the traffic-density conditions required on the route
- ✓ If required vDriver™ will execute multiple simulations of the driven route using different driver profiles

Services

- ✓ Facilities planning and installation services
- ✓ Comprehensive in-house and/or on-site training for customer engineering, operator and maintenance personal
- ✓ Tailored preventative maintenance contract
- ✓ On-line diagnostics and support via VPN
- ✓ Technical helpline support

PC Specification

- ✓ GETAC V100 1.2 GHz Dual Core Industrial laptop
- ✓ Rotatable screen converts to a tablet PC for in vehicle use
- ✓ 12.1" sunlight readable touch widescreen
- ✓ Full Magnesium Alloy Case with Hand Strap
- ✓ IP54 and Shock protected fully ruggedized PC
- ✓ Supplied with AC and DC power adaptors (for in vehicle use)

GPS Specification

- ✓ Haicom model HI-204III USB GPS Receiver
- ✓ Utilises the Industry standard SiRF111 chipset
- ✓ GPS data output in NMEA format (industry Standard)
- ✓ Supports Bluetooth connection to a PC
- ✓ Uses all "in view" satellites for high accuracy, accurate to within 5 meters with SBAS enabled



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