POSTED SPEED - FREQUENTLY ASKED QUESTIONS

Version 2

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| **Question:** | **From what source are the Posted Speed limits displayed on the Ehubo?** |
| **Answer:** | EROAD displays posted speed limits supplied by a third-party mapping provider, HERE Maps, enhanced by customer feedback. Posted Speed is a tool to increase speed limit awareness for the driver. However, it does not replace the need for monitoring on-road speed signs. |

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| **Question:** | **How do you ensure the Posted Speed limit is up-to-date?** |
| **Answer:** | EROAD refreshes its road network map every two weeks to ensure that Posted Speed is displaying the most current road speed limit data available.  |

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| **Question:** | **Does Posted Speed display temporary and variable speed zone Limits?** |
| **Answer:** | No, temporary and variable speed zone limits are not currently included in the Posted Speed display. Drivers should always prioritise and adhere to road speed signs. |

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| **Question:** | **How accurate is the Posted Speed on the Ehubo2?** |
| **Answer:** | EROAD’s Ehubo is an NZTA Approved Electronic Distance Recorder. Field tests by NZTA demonstrated that the distance measurement from Ehubo was accurate to within 0.5 percent, and testing showed Ehubo to be significantly more accurate and reliable than odometers and mechanical hubodometers. The Ehubo uses a combination of internal and external sensors to measure distance including the vehicle’s speed pulse, global positioning system (GPS) satellites, and inertial sensors. These sensors continually monitor and improve distance calibration during travel, which ensures the continued accuracy of the distance measurement and assists in tamper detection. EROAD customers can confidently rely on the time reported in Depot to be within +/1 a second because GPS satellites utilise atomic clocks to maintain time accuracy, and the Ehubo uses GPS to calibrate the time reported in Depot. EROAD has high confidence in the accuracy of vehicle speed reported via the EROAD system because of the accuracy of distance measurement.Please note that EROAD relies on posted speed limits supplied by a third-party mapping provider and customers. EROAD uses commercially reasonable endeavours to ensure these posted speed limits are current; however, on occasion these posted speed limits may be incorrect. EROAD does not have access to temporary or variable speed limits. Contact EROAD's Helpdesk, if you need to validate any speed event(s). EROAD supports you by validating that the comparison to the posted speed is up-to-date and correct, ensures the satellite signals were not compromised, and validates the vehicle speed using distance and time measurements. |

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| **Question:** | **Is the open road, heavy-vehicle limit displayed?** |
| **Answer:** | Yes, the open road speed limit of 90 km/h is displayed on open roads for heavy vehicles. |

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| **Question:** | **How do Drive Buddy and Posted Speed work together?** |
| **Answer:** | Drive Buddy works alongside Posted Speed to increase awareness of speeding by alerting the driver to speeding risk based on the current road-speed limit.**Heavy Vehicles*** **Warning:** Driving1-4 km/h above the speed limit (**Amber** speed display)
* **Event:** 5 km/h+ above the speed limit (**Red** speed display, audio alert)

**Light Vehicles*** **Warning:** Driving1-9 km/h above the speed limit (**Amber** speed display)
* **Event:** 10 km/h+ above the speed limit (**Red** speed display, audio alert)
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| **Question:** | **Have the harsh braking and sharp acceleration thresholds changed?** |
| **Answer:** | No, the current harsh braking and sharp acceleration thresholds are maintained. **Harsh Braking*** **Orange** warning light displays on a deceleration event that exerts 0.29 g-force on the vehicle
* **Red** warning light displays on a deceleration event that exerts 0.37 g-force on the vehicle; driver feels noticeable forward movement during this event, and an unrestrained vehicle load moves forward

**Sharp Acceleration*** **Orange** warning light displays at an acceleration event that exerts 0.31 g-force on the vehicle
* **Red** warning light displays at an acceleration event exerting 0.35 g-force on the vehicle; driver is thrusted backwards into the seat, and an unrestrained vehicle load moves backward
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| **Question:** | **Has the Trip Score changed?** |
| **Answer:** | The Trip Score is now aligned to score speeding events against the posted speed limit. Drivers may notice a change – especially if they are speeding a lot. They are more heavily penalized in this event. |

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| **Question:** | **How does it work when I am driving out of cell coverage?** |
| **Answer:** | The posted speed data is not initially available when the vehicle is driven on a road that is out of cell coverage. However, the speeding data is downloaded to the Ehubo as soon as the road comes back in cell coverage. The posted speed is available and displayed to the driver the next time the vehicle drives the same road. |

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| **Question:** | **On what plans are the Posted Speed available?** |
| **Answer:** | Posted Speed is available on the following plans:* Ehubo 2 SafeDriver
* Ehubo 2 SafeDriver Lite
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| **Question:** | **How do I report Posted Speed displaying a speed limit that is wrong? How long does it take to fix?** |
| **Answer:** | Click on a speed event that shows an out-of-date speed limit in the **Limit** column and fill in the speed correction request form (<https://help.eroad.com/nz/depot/reports/nz-speed/>) to submit a correction to an incorrect speed limit in the Over Speed Dashboard. Drivers should submit a report to EROAD support if an incorrect speed limit is viewed on the Ehubo. Include the following information:* Vehicle Registration Plate
* Driver name (if known)
* Time that you noticed the wrong posted speed limit
* Road name – and the nearest intersecting road (if known)

EROAD supports you by working with our mapping provider to ensure that the posted speed is up-to-date and correct. Erroneous Posted Speed issues are generally corrected within two weeks after the issue is reported. |

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| **Question:** | **Does the driver have the same number of over-speed warnings on Drive Buddy as are reported in the EROAD Depot Over Speed Dashboard?** |
| **Answer:** | The real-time Over-Speed warnings from Posted Speed on Drive Buddy are intended to encourage the driver to slow down and quickly self-correct. Therefore, the number of warnings on Drive Buddy may be greater than the number of over speed events polled by Depot.The Over Speed Dashboard supports monitoring of persistent over speed events, based on regular Ehubo event polling (around every 250m). Use the Over Speed Dashboard to compare fleet speeding behaviour, identify best and worst drivers, track speed, speed limit, date/time and location. It may be filtered by time period, vehicle, driver, group, number of events, or events per 100 miles. |