

# What eCDL is About.

*The West Virginia Electronic Commercial Driver's Licensing (eCDL) Program*, created & developed by the West Virginia Division of Motor Vehicles (WVDMV) and the Nick J. Rahall II Appalachian Transportation Institute (RTI) is a fully automated computer based Commercial Driver's License testing system.

With funding provided by the Federal Motor Carrier Safety Administration (FMCSA), eCDL utilizes freeware/shareware computer applications to allow for free dissemination to other states. Many of those states, as well as Canada, have expressed interest in obtaining eCDL as it becomes available.

Utilizing Toughbook laptops with GPS capabilities, RTI developed a comprehensive integrated system that complies with federally mandated CDL testing standards while increasing fraud detection capabilities for WVDMV. eCDL not only utilizes the GPS system during the road test, but additionally records GPS data during the vehicle inspection, and basic skills portion to ensure the test is completed in regulated areas. Further improvements include a notation screen, test scheduling calendar and encrypted email. Fraud prevention capabilities include:

- Examiner identification elements
- Test timer with email notification
- Test encryption
- Time/date location stamp
- Randomized tests
- Supervisory access to testing schedules

Examiners conduct CDL tests in the field throughout the state on the Toughbook, and upload them wirelessly. The information is then accessed via a customized website by the WVDMV Administration, from anywhere in the state. All tests are subjected to a rigorous statistical analysis of known parameters; any outliers are reported to the WVDMV Administration via email for closer inspection for possible fraud activity.

For more information on eCDL contact Dempsey Totten, eCDL Program Director:

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## Winners of State & National Awards and featured in these publications:

- Featured in the Council of State Governments' **State News** Magazine  
*November / December 2009*
- Council of State Governments' Innovations Award Winner  
*September 2009*
- Featured in AAMVA's **MOVE** Magazine  
*Fall 2009*
- West Virginia State Office of Technology Information Technology Award Winner  
*2009*
- Currently a finalist in the NASCIO Awards for Outstanding Achievement in the Field of Information Technology.  
*2010*

