

Research Project Description Form

Project Number: 212143

Project Title: eCDL Integration with Commercial Skills Test Information Management System (CSTIMS)

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Project Objective: *eCDL and CSTIMS* would continue to advance their individual missions with project deliverables, but work jointly to ensure the maintenance of a fully integrated anti-fraud solution for CDL processes. The project will link the eCDL system and CSTIMS system together to have a full cradle to grave system for tracking CDL Licensing.

Abstract: West Virginia Division of Motor Vehicles(WVDMV) and the Rahall Transportation Institute (RTI), **eCDL** Program, will be integrated with the CSTIMS Program, owned by the American Motor Vehicles Administrators Association (AAMVA). **eCDL** is a multi-phase approach in the development and implementation of an electronic version of the commercial driver license skills testing program which includes real-time testing validation through GPS, imagery, audio, and wireless tests with auditing functions. CSTIMS was built to reduce fraud and automate the administrative processes at the beginning and at the end of the commercial driver license skills testing procedure including scheduling, test site direction, reporting, and fraud alerts.

Task Descriptions: RTI and AAMVA developers will generate and implement the necessary integration responsibilities for the respective *eCDL and CSTIMS* projects at the approval of the WV DMV Development Team and the AAMVA Working Group.

The eCDL Team will work in unison with the established Working Group at AAMVA to insure the two systems can “talk” to one another.

RTI and AAMVA developers will need to have project development meetings to insure both are working concurrently for integration.

Project development will include of a series of Web Services to pull information from CSTIMS for eCDL, as well as push information from eCDL to CSTIMS.

Milestones, Dates, Schedule:

Task	Resource	Planned completion date
Finalize project plan	AAMVA, WV	February 24, 2012
Finalize Requirements	AAMVA, WV	March 8, 2012
Specifications for the interface	AAMVA, WV	April 6, 2012
Complete design, development and acceptance testing of the enhancements to CSTIMS to interface with eCDL	AAMVA	July 31, 2012
Complete design, development and acceptance testing of the enhancements to eCDL to interface with CSTIMS	WV	July 31, 2012
Complete testing of the interface between CSTIMS and eCDL	AAMVA, WV	September 15, 2012
Provide training session for the changes to CSTIMS users	AAMVA	September 15, 2012
Implement the interface between CSTIMS and eCDL	AAMVA, WV	September 30, 2012

Yearly and Total Budget: Total: \$ 143,423.00

Student Involvement: NA

Relationship to Other Research Projects: eCDL Phase I, II, III

Technology Transfer Activities: Fully implemented software solution linking the eCDL program to the CSTIMS program for deployment across the United States

Potential Benefits of this Project: The potential to bring eCDL into more states across the country. Possible Federal deployment benefits.

TRB Keywords: eCDL, CDL, Trucking, Transportation, GPS, Motor Vehicle, FMSCA, AAMVA.