

## Technical Report Documentation Page

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16. Abstract  <p>The State of Arizona's Nogales Port of Entry (POE) is faced with a growing number of commercial vehicles entering the facility, more stringent security requirements and the need for facility inspectors to readily collect, examine and exchange data for the vehicles and drivers entering the Port. Intelligent Transportation Systems (ITS) technologies are a vital tool in helping to solve this problem. ITS can simplify the task of separating high-risk from low-risk motor carriers and shipments. Advanced knowledge about the driver, shipment, and carrier allows the authorities to make a quick assessment of the risk involved in permitting entry into the United States. Advanced information that is exchanged and the methods of exchanging the vital information between authorities in a timely, cost-effective and secure manner is the means by which the enforcement agencies can conduct their risk assessments and determine which carriers, vehicles, and drivers need to be inspected.</p> <p>The objective is to assist the State of Arizona in determining the trucking industry's safety and security violators without inconveniencing the compliant vehicles and avoid serving as a roadblock to legitimate trade. Intelligent Transportation Systems (ITS) technologies are a vital tool in helping to solve this problem. ITS can simplify the task of separating high-risk from low-risk motor carriers and shipments. Advanced knowledge about the driver, shipment, and carrier allows the authorities to make a quick assessment of the risk involved in permitting entry into the United States. Advanced information that is exchanged and the methods of exchanging the vital information between authorities in a timely, cost-effective and secure manner is the means by which the enforcement agencies can conduct their risk assessments and determine which carriers, vehicles, and drivers need to be inspected. The ability to identify the high-risk vehicles, drivers and shipments in advance is invaluable to both the inspectors and the freight motor carrier drivers. It not only makes it possible to conduct more thorough inspections, it also allows compliant vehicles to move through the process quickly. With the help of technology, increased security and safety generates faster movement of trade and lowers risk to the motoring public.</p>					
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