

# INTELLIGENT TRANSPORTATION SYSTEMS FOR COMMERCIAL VEHICLE OPERATIONS



US Department of Transportation

SAFETY, SIMPLICITY, AND  
SAVINGS FOR GOVERNMENT  
AND INDUSTRY

Office of Motor Carriers • FHWA • U.S. Department of Transportation • Intelligent Transportation Systems for Commercial Vehicle Operations

## WHAT IS ITS/CVO?

Keeping commercial vehicle operations safe and efficient requires constant vigilance – by government agencies, motor carriers, and drivers.

This challenge keeps growing. In 1995, trucks and buses in America traveled over 100 billion miles. And, each new year brings more vehicles yet fewer new roads.

A cooperative public and private sector partnership initiated by the U.S. Department of Transportation has forged the common goals of safe, simple and cost-effective commercial vehicle operations.

This effort, called the intelligent transportation systems program for commercial vehicle operations, or ITS/CVO, harnesses the efficiency of cooperation to the power of existing technologies.

ITS/CVO – Safety, Simplicity, and Savings for Government and Industry.

## SAFETY

ITS/CVO means safer driving for truckers and motor coach operators, and safer roads for the driving public.

### MOTOR CARRIERS

Timely and accurate information helps motor carriers maintain effective safety programs.

### DRIVERS

In-vehicle systems warn truck and bus drivers of malfunctioning equipment before it's too late, making operations safer.

### STATE GOVERNMENT

Improvement in data quality and transfer time through electronic data interchange vastly improves safety monitoring.

### LAW ENFORCEMENT

ITS/CVO enables law enforcement to concentrate its roadside safety inspections on high-risk and uninspected carriers, drivers, and vehicles, to prevent accidents from happening.

### PUBLIC

ITS/CVO creates a safer driving environment for the motoring public.



## SIMPLICITY

ITS/CVO simplifies operations and makes the job easier by using available technologies with proven track records.

### MOTOR CARRIERS

Standardized electronic data exchange with regulatory agencies reduces paperwork. Better information from regulatory and enforcement agencies is provided faster.

### DRIVERS

ITS/CVO means less bureaucracy and fewer, simpler and quicker roadside inspections. Quicker information makes travel easier.

### STATE GOVERNMENT

An automated administrative process streamlines information-based activities.

### LAW ENFORCEMENT

Simplified, automated screening and targeting of high-risk operators improves enforcement efficiency.

### PUBLIC

ITS/CVO is a simple solution that reduces bureaucracy and saves tax dollars.

## SAVINGS

ITS/CVO saves lives, time, and money by improving safety, reducing paperwork and enhancing productivity. The annual cost of paperwork is \$2 billion for motor carriers and \$5 billion for state regulatory agencies.

### MOTOR CARRIERS

Reduced trip times and savings on fuel, maintenance, and insurance costs, improve performance ratios and enhance the bottom line.

### DRIVERS

ITS/CVO reduces inspection delays, so drivers can save time and earn more money.

### STATE GOVERNMENT

Revenue collection processes are improved while administrative costs are reduced. Proven technology is less expensive than new construction.

### LAW ENFORCEMENT

Time-savings and reduced administrative costs allow for better use of roadside enforcement resources.

### PUBLIC

Government savings means better tax dollars and an improved economy. Business savings means better customer service.

## WHAT CAN YOU DO TO MAKE IT HAPPEN?

The ITS/CVO program benefits everybody. Here is what you can do —

### MOTOR CARRIERS

Work with government to develop a successful voluntary program that improves safety and enhances your bottom line.

### DRIVERS

Learn more about how ITS/CVO technologies make your job easier, and express your concerns as you participate in programs.

### STATE

### GOVERNMENT

Cooperate with other state agencies and work with industry to move the program forward.

### LAW

### ENFORCEMENT

Use proven technology to focus on high risk carriers, drivers, and vehicles, and provide less time-consuming regulation of safe motor carrier operations.

### PUBLIC

Champion ITS/CVO technologies to ensure that government uses your tax dollars effectively for a safe and efficient motor carrier industry.

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