

## Appendix A

### ITS/CVO List of Acronyms

AAMVA	American Association of Motor Vehicle Administrators	CA	Credentials Administration	CVSA	Commercial Vehicle Safety Alliance
AASHTO	American Association of State Highway and Transportation Officials	CAP	Conformance Assurance Process	CVSP	Commercial Vehicle Safety Plan
ACRP	Automated Compliance Review Pilot	CAPRI	Carrier Automated Performance Review Information	DARPA	Defense Advanced Research Projects Agency
ADVANCE	Advanced Driver and Vehicle Advisory Navigation Concept	CARS	Credentials Administration Requirements Specifications	DBA	Doing Business As
AHS	Automated Highway System	CASE	Computer Aided Software Engineering	DHCP	Dynamic Host Configuration Protocol
AMASCOT	Automated Mileage and Stateline Crossing Operational Test	CAT	Carrier Automated Transaction	DL	Drivers License
ANSI	American National Standards Institute	CDL	Commercial Driver's License	DMV	Department of Motor Vehicles
APL	The Johns Hopkins University Applied Physics Laboratory	CDLIS	Commercial Driver's License Information System	DNA	Digital Network Architecture
APPN	Advanced Peer-to-Peer Networking	CFR	Code of Federal Regulations	DOT	Department of Transportation
APTS	Advanced Public Transportation Systems	CH	Clearinghouse	DPIU	Data Processing Interface Unit
ASAP	Automated Safety Assurance Program	CI	Credentialing Interface	DSRC	Dedicated Short Range Communication
ASC	Accredited Standards Committee	CIS	Credential Input System; Central Information Site	DTSW	Dynamic Downhill Truck Speed Warning System
ASPEN	(Not an acronym)	CMV	Commercial Motor Vehicle	DVIS	Driver/Vehicle Inspection System
ASTM	American Society for Testing and Materials	CMVSA	Commercial Motor Vehicle Safety Act	EDI	Electronic Data Interchange
ATA	American Trucking Associations	COACH	CVISN Operational and Architectural Compatibility Handbook	EDL	Electronic Document Library
ATIPE	Advanced Technologies for International and Intermodal Ports of Entry	COAT	Conformance Assessment Team	EDIFACT	EDI For Administration, Commerce, and Transport
ATIS	Advanced Traveler Information Systems	COVE	COmmercial VEhicle	EEOS	Electronic One-Stop Shopping
ATM	Asynchronous Transfer Mode	CR	Compliance Review	EFT	Electronic Funds Transfer
ATMS	Advanced Traffic Management Systems	CSA	CVISN State Advisor	EIA	Electronics Industry Association
AVC	Automatic Vehicle Classification	CSFR	Carrier Safety Fitness Rating	EPIC	Expected Processing and International Crossing
AVCS	Advanced Vehicle Control Systems	CSI	Cambridge Systematics, Inc.	ESAL	Equivalent Single Axle Loads
AVI	Automatic Vehicle Identification	CV	Commercial Vehicle	ETC	Electronic Toll Collection
AVL	Automatic Vehicle Location	CVIE	(Obsolete; see CVIEW)	ETTM	Electronic Toll and Traffic Management
BPR	Business Process Re-engineering	CVIEW	Commercial Vehicle Information Exchange Window	FARS	Fatal Accident Reporting System
BSWG	Base State Working Group	CVIS	Commercial Vehicle Information System	FDDI	Fiber Distributed Data Interface
		CVISN	Commercial Vehicle Information Systems and Networks	FFE	Flat File Equivalent
		CVL	Commercial Vehicle Licensing	FHVUT	Federal Heavy Vehicle Use Tax
		CVO	Commercial Vehicle Operations	FHWA	Federal Highway Administration
				FIPS	Federal Information Processing Standards

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FMCSR	Federal Motor Carrier Safety Regulations	IEN	Information Exchange Network	MDI	Model Deployment Initiative
FMMS	HAZMAT Fleet Management and Data Monitoring System	IES	Information Exchange System	MEOSS	Mid-West Electronic One-Stop Shopping
FNC	Federal Networking Council	IFTA	International Fuel Tax Agreement	MOA	Memorandum of Agreement
FSR	Feasibility Study Report	IMS	Information Management Systems	MOE	Measure Of Effectiveness
FTA	Federation of Tax Administrators; Federal Transit Administration	INS	Immigration and Naturalization Service	MONY	Michigan/Ontario/New York
FTP	File Transfer Protocol	IOU	Idaho, Oregon, Utah	MOOO	Multi-Jurisdictional Oversize and Overweight Organization
FTS2000	Federal Telecommunications System 2000	IP	Internet Protocol	MPO	Metropolitan Planning Organization
GCWR	Gross Combination Weight Rating	IR	Inter-regional; Infra-red	NAFTA	North American Free Trade Agreement
GIS	Geographical Information System	IRP	International Registration Plan	NATAP	North American Trade Automation Prototype
GPS	Global Positioning System	ISA	Information Systems Architecture	NCHRP	National Cooperative Highway Research Program
GVW	Gross Vehicle Weight	ISDN	Integrated Services Digital Network	NCIC	National Crime Information Center
GVWR	Gross Vehicle Weight Rating	ISTEA	Intermodal Surface Transportation Efficiency Act	NCP	Network Control Program
HAZMAT	Hazardous Material	ITDS	International Trade Data System	NDR	National Driver Register
HELP	Heavy Vehicle Electronic License Plate Program	ITE	Institute of Transportation Engineers	NETC	New England Transportation Consortium
HM	Hazardous Material	ITS	Intelligent Transportation Systems (formerly IVHS)	NGA	National Governors' Association
HMTA	Hazardous Material Transportation Act	ITSA	Intelligent Transportation Society of America	NHTSA	National Highway Traffic Safety Administration
HMTUSA	Hazardous Material Transportation Uniform Safety Act	IVI	Intelligent Vehicle Initiative	NIER	National Institute for Environmental Renewal
HOS	Hours of service	JHU/APL	The Johns Hopkins University Applied Physics Laboratory	NIMC	National Incident Management Coalition
HOV	High Occupancy Vehicle	LAMP	Licensing Application Migration Project	NLETS	National Law Enforcement Telecommunication System
HSWIM	High Speed Weigh-In-Motion	LAN	Local Area Network	NMVTIS	National Motor Vehicle Title Information System
HTTP	Hypertext Transfer Protocol	LCL	Less-Than-Carload	NOI	Notice Of Investigation
HVUT	Heavy Vehicle Use Tax	LIMS	Lockheed Martin Information Management Systems	NPRM	Notice of Proposed Rulemaking
IACP	International Association of Chiefs of Police	LM	Legacy Modification	NPTC	National Private Truck Council
IANA	Intermodal Association of North America	LPR	License Plate Reader	NSF	National Science Foundation
IBC	International Border Clearance	LSI	Legacy System Interface	NTSB	National Transportation Safety Board
IBEX	International Border Electronic Crossing	LTL	Less-Than-Truckload	NYRPC	New York Regional Processing Center
IBTTA	International Bridge, Tunnel, and Turnpike Association	MACS	Mainline Automated Clearance System	OBC	On-Board Computer
ICC	Interstate Commerce Commission	MAPS	Multi-Jurisdictional Automated Preclearance System (MAPS)	OCD	Operational Concept Document
ICDN	ITS Cooperative Deployment Network	MCDC	Motor Carrier Data Collection	OMC	Office of Motor Carriers
IDT	Intelligent Decision Technologies	MCMIS	Motor Carrier Management Information System	OMCHS	Office of Motor Carrier and Highway Safety
IEEE	Institute of Electrical and Electronics Engineers	MCSAP	Motor Carrier Safety Assistance Program		

OVIDA	Owner-Operator Independent Driver Association	SE	Southeastern States
OOS	Out of Service	SEB	State Entry Beacon
OOSD	Out of Service Driver	SHRP	Strategic Highway Research Program
OOSV	Out of Service Vehicle	SMDS	Switched Multimegabit Data Service
OS/OW	Oversize/Overweight	SMTP	Simple Mail Transfer Protocol
OSI	Open System Interconnection	SNA	Systems Network Architecture
OST	Office of the Secretary of Transportation	SSN	Social Security Number
PASS	Port of Entry Advanced Sorting System	SSRS	Single State Registration System
PDPS	Problem Driver Pointer System	STCC	Standard Transportation Commodity Code
POE	Port of Entry	STOLEN	State On-line Enforcement System
PRISM	Performance and Registration Information Systems Management	TCAM	Telecommunications Access Method
PSC	Public Service Commission	TCC	Transportation (US DOT) Computer Center
PUC	Public Utility Commission	TCP/IP	Transmission Control Protocol/ Internet Protocol
RAPP	Regional Automated Permit Processing	TEA-21	Transportation Equity Act for the 21 <sup>st</sup> Century
RES	Roadside Electronic Screening	TIA	Telecommunications Industry Association
RFTA	Regional Fuel Tax Agreement	TIN	Tax Identification Number
ROC	Roadside Operations Computer	TOCM	Transportation Operation Coordination Committee
ROVER	CVO ROving VERification Van	TPM	Technical Performance Measure
RPC	Regional Processing Center; Remote Procedure Call	TRALA	Truck Rental And Leasing Association
RSIS	RS Information Systems	TRANSCOM	Transportation Operations Coordination Committee
RSPA	Research and Special Program Administration	TRB	Transportation Research Board
RTVDM	Registration, Title, Vehicle Dealers and Manufacturers	TS	Transaction Set
SAE	Society of Automotive Engineers	UCR	Unified Carrier Register
SAFER	Safety and Fitness Electronic Records	UDP	User Datagram Protocol
SafeStat	Safety Status	USDOT	United States Department of Transportation
SAFETYNET	(Not an acronym)	VAN	Value-Added Network
SafeVUE	SAFER and CVIEW Visual User Environment	VIN	Vehicle Identification Number
SASHTO	Southern Association of State Highway and Transportation Officials	VISTA	Vehicle Information System for Tax Apportionment
SCAPI	SAFER CVIEW Application Programming Interface	VISTA/RS	VISTA Registration System
SCE	Selective Compliance Enforcement	VISTA/TS	VISTA Tax System
SDO	Standard Development Organization	VMS	Variable Message Sign
		VRC	Vehicle to Roadside Communication
		VRTC	Vehicle Research Testing Center

VTAM	Virtual Telecommunications Access Method
VTIE	Vehicle Title Information Exchange
WAN	Wide Area Network
WASHTO	Western Association of State Highway Officials
WBS	Work Breakdown Structure
WIM	Weigh-In-Motion
WRA	Western Regional Agreement
WSDOT	Washington State Department of Transportation
WTA	Washington Trucking Associations
XML	eXtensible Markup Language
Y2K	Year 2000

**Commercial Vehicle Information Systems and Networks (CVISN)**

CVISN is the collection of state, federal and private sector information systems and communications networks that support commercial vehicle operations (CVO).

Many improvement initiatives are currently underway to develop new systems and upgrade existing systems to add new capabilities and allow electronic exchange of information using open interface standards. This will enable delivery of new electronic services to states and carriers in the broad areas of safety, credentials administration, and electronic screening. Specific examples of new services include:

- providing timely safety information to inspectors at the roadside,
  - providing operating credentials to motor carriers electronically,
  - allowing states to exchange registration and fuel tax information electronically, and
  - conducting electronic screening of commercial vehicles at fixed and mobile sites while vehicles travel at highway speeds.
- In summary, CVISN components apply emerging technologies to improve the effectiveness and efficiency of state and private CVO stakeholders in the three broad functional areas of safety, credentials, and electronic screening.

