

ATMS GLOSSARY

"A"

AASHTO	American Association of State Highway and Transportation Officials
ABS	Anti-lock Brake System
ADA	Americans with Disabilities Act
ADIS	Advance Driver Information System
AFD	Architecture Flow Diagram
AID	Architecture Interconnect Diagram
AHS	Automated Highway System
AMPS	Advanced Mobile Phone System
ANSI	American National Standards Institute
APTS	Advanced Public Transportation System
API	Application Program Interface
ASTM	American Society for Testing and Materials
ATIS	Advanced Traveler Information System
ATC	Automatic Train Control
ATR	Automated Traffic Recorders
ATM	Asynchronous Transfer Mode
ATMS	Advanced Traffic Management System
AVCS	Advanced Vehicle Control System
AVI	Automated Vehicle Identification
AVL	Automated Vehicle Location
AVO	Automated Vehicle Operation
AVDS	Advanced Video Detection System
AWOS	Automatic Weather Observing System

"B"

BNF	Backus-Nauer Form
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"C"

CASE	Computer Aided Systems Engineering
CCTV	Closed Circuit TV
CD	Compact Disk
CDROM	CD Read Only Memory
CDMA	Code Division Multiple Access
CDPD	Cellular Digital Packet Data
CDOT	Colorado Department of Transportation
CMS	Changeable Message System
COTR	Contracting Officer Technical Representative
CPDS	Courtesy Patrol Dispatch System
CORBA	Common Object Request Broker Architecture
CTMC	Colorado Traffic Management Center
CTMS	Colorado Traffic Management System
CSP	Communication Service Provider
CV	Commercial Vehicle
CVAS	Commercial Vehicle Administration Subsystem
CVCS	Commercial Vehicle Check Subsystem
CVISN	Commercial Vehicle Information Systems and Networks
CVS	Commercial Vehicle Subsystem
CVO	Commercial Vehicle Operations
C2C	Center-to-Center
C2F	Center-to-Field
"D"	
DAMBACH	DMS Manufacturer
DAKTRONICS	DMS Manufacturer
DISPLAY SOLUTIONS	DMS Manufacturer
DAB	Digital Audio Broadcast
DATEX	Data Exchange Protocol
DC	Double Click (or District of Columbia)
DD	Data Dictionary
DDE	Data Dictionary Element
DFD	Data Flow Diagram
DGPS	Differential Global Positioning System

DOD	Department of Defense
DOT	Department of Transportation
DR	Data Registry
DTE	Data Terminal Equipment
DTR	Data Terminal Ready
DMS	Dynamic Message Sign
DMV	Department of Motor Vehicles
DSRC	Dedicated Short Range Communications
DTA	Dynamic Traffic Assignment
DTD	
"E"	
E9-1-1	Emergency 9-1-1
ECPA	Electronic Communications Privacy Act
EDI	Electronic Data Interchange
EPA	Environmental Protection Agency
EM	Emergency Management Subsystem
EMC	Emergency Management Center
EMS	Emergency Management System
EMMS	Emissions Management Subsystem
ESMR	Enhanced SMR
ESRI	Environmental Systems Research Institute
ETA	Expected Time of Arrival
ETTM	Electronic Toll and Traffic Management
ETS	Emergency Telephone Services
EJB	Enterprise Java Beans
"F"	
FARS	Fatal Accident Reporting System
FCC	Federal Communications Commission for the US
FHWA	Federal Highway Administration
FIPS	Federal Information Processing Standard
FOT	Field Operational Test
FMC	Freeway Management Center

FMS	Field Management Station
FPR	Final Program Review
FTA	Federal Transit Administration
"G"	
GIS	Geographic Information System
GPS	Global Positioning System
GDF	Geographic Data File
GUI	Graphical User Interface
"H"	
HAR	Highway Advisory Radio
HAZMAT	HAZardous MATerial(s)
HRI	Highway Rail Intersection
HSR	High Speed Rail
HOV	Highway Occupancy Vehicle
HUD	Head-Up Display
"I"	
IEEE	Institute of Electrical and Electronics Engineers, Inc.
IVIS	In Vehicle Information System
IVR	Interactive Voice Response
IP	Internet Protocol
IPR	Interim Program Review
ISO	International Standards Organization
ISP	Information Service Provider
ISTEA	Intermodal Surface Transportation Efficiency Act
ITE	Institute of Transportation Engineers
ITI	Intelligent Transportation Infrastructure
ITS	Intelligent Transportation Systems
ITS AMERICA or ITS-A	Intelligent Transportation Society of America
IVHS	Intelligent Vehicle Highway Systems

IMP	Incident Management Plan
IOP	Internet Inter ORB Protocol
IDL	Interface Definition Language
"J"	
JMS	Java Messaging Service
J2EE	Java 2 Enterprise Edition
JSP	Java Server Pages
JNDI	Java Naming and Directory Interface
"L"	
LAN	Local Area Network
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LEO	Low-Earth Orbit Satellite System
LPD	Liability and Property Damage
LRMS	Location Reference Messaging Standard
"M"	
MAN	Metropolitan Area Network
MDI	Model Deployment Initiative
MMDI	Metropolitan MDI
MMI	Man-Machine Interface (or Interaction)
MOE	Measure of Effectiveness
MPO	Metropolitan Planning Organization
MPH	Miles Per Hour
MTC	Metro Traffic Control
"N"	

NA	National Architecture
NAR	National Architecture Review
NAV	Navigation
NEMA	National Electrical Manufacturers Association
NHPN	National Highway Planning Network
NHTSA	National Highway Traffic Safety Administration
NII	National Information Infrastructure (AKA Information Superhighway)
NPRM	Notice of Proposed Rule Making
NTCIP	National Transportation Communications for ITS Protocol
"O"	
OEM	Original Equipment Manufacturer
ORB	Object Request Broker
OSI	Open Systems Interconnection
OTP	Operational Test Plan
"P"	
PC	Personal Computer
PCS	Personal Communications System
PD	Police Department
PDA	Personal Digital Assistant
PIAS	Personal Information Access Subsystem
PMS	Parking Management Subsystem
PPP	Point to Point Protocol
PRECISION SOLAR	DMS Manufacturer
PS	Planning Subsystem
PSA	Precursor System Architecture
PSPEC	Process Specification
PSTN	Public Switched Telephone Network
PTTI	Pre-trip Travel Info
PTS	Positive Train Separation

POA	Portable Object Adaptor
"R"	
R&D	Research and Development
RDS	Radio Data Systems
RDS-TMC	Radio Data Systems Incorporating a Traffic Message Channel
RFP	Request For Proposal
RTA	Regional Transit Authority
RS	Roadway Subsystem
RTS	Remote Traveler Support Subsystem
RTD	Regional Transportation District
RUP	Rational Unified Process
RPU	Remote Processing Unit
"S"	
SAE	Society of Automotive Engineers
SC	Single Click
SDO	Standards Development Organization
SLIP	Serial Line Internet Protocol
SMR	Specialized Mobile Radio
SMTP	Simple Mail Transfer Protocol
SNMP	Simple Network Management Protocol
SONET	Synchronous Optical Network
SOV	Single Occupancy Vehicle
SOW	Statement of Work
STMF	Simple Transportation Management Framework
SQL	Standard Query Language
SSR	Standard Speed Rail
SKYLINE	DMS Manufacturer
"T"	
TAS	Toll Administration Subsystem

TCIP	Transit Communications Interface Profiles
TCS	Toll Collection Subsystem
TDM	Travel Demand Management
TDMA	Time Division Multiple Access
TM	Traffic Management
TMC	Traffic Management Center
TMDD	Traffic Management Data Dictionary
TMS	Traffic Management Subsystem
TOC	Traffic Operations Center
TRB	Transportation Research Board
TRMC	Transit Management Center
TRMS	Transit Management Subsystem
TRT	Technical Review Team
TRVS	Transit Vehicle Subsystem
"U"	
USDOT	United States Department of Transportation
USR	User Service Requirement
UCD	University of Colorado at Denver
UML	Unified Modelling Language
"V"	
VMS	Variable Message Sign
VRC	Vehicle/Roadside Communications
VS	Vehicle Subsystem
"W"	
WANCO	DMS Manufacturer
WAN	Wide Area Network
WIM	Weigh-in Motion
WWW	World Wide Web

"X"	
XML	Extensible Markup Language