ConSysTec Corp

LEGEND

National ITS Architecture Entity	No Regional Architecture Elements Map To National ITS Architecture
National ITS Architecture Entity	Regional Architecture Elements Map To National ITS Architecture

Maintenance & Construction Management
- City of Midland Development Services Dispatch
- City of Midland Traffic Signal Shop
- City of Odessa Public Works Dispatch
- City of Odessa Traffic Engineering
- County Road and Bridge
- Municipal PWD
- Other TxDOT District Maintenance Sections
- Pipeline Company Systems
- TxDOT Highway Conditions Reporting System
- TxDOT Odessa District Area Engineers Office
- TxDOT Odessa District Maintenance Sections
- TxDOT Odessa District TMC
- TxDOT Odessa District Traffic Signal Shop
- Utility Dispatch

Emergency Management Subsystem
- Bureau of Customs and Border Protection Office
- City of Midland Public Safety Communications
- City of Odessa Public Safety Communications
- Correctional Facilities Operations
- County EOC

Emergency Management Subsystem (Cont.)
- County Public Safety Dispatch
- District Disaster Committee*
- DPS Administration
- DPS Communications Service
- DPS Division of Emergency Management
- Ector County EOC
- Ector County Independent School District Police
- Midland County EOC
- Midland Independent School District Police
- Municipal Public Safety Dispatch
- National Guard/State Guard Office
- Other County Public Safety Dispatch
- Other Municipal Public Safety Dispatch
- Private Tow/Wrecker Dispatch
- Rail Police/Security
- State EOC
- Texas Forest Service Permian Basin
- University/College Police Force

Fleet and Freight Management Subsystem
- Private Fleet Management Systems*

Information Service Provider Subsystem
- City of Midland Public Information Office
- City of Midland Website
- City of Odessa Public Information Office*
- City of Odessa Web Site
- EZ Rider Website*
- Municipal Websites
- Private Sector Traveler Information Services*
- Service Agencies
- TxDOT 511 System*
- TxDOT Highway Conditions Reporting System
- TxDOT Motor Carrier Routing Information
- TxDOT Odessa District Public Information Office
- TxDOT Odessa District Web Page
- West Texas Opportunities Website*

Traffic Management Subsystem
- City of Midland Traffic Operations Center
- City of Odessa Traffic Operations Center*
- Other TxDOT Districts TMC
- Trans Vista TMC
- TxDOT Fort Worth TMC (TransVision)
- TxDOT Odessa District TMC

Transit Management Subsystem
- EZ Rider Transit Dispatch
- Independent School District Dispatch
- Other Transit Systems
- Permian Basin Rural Public Transportation Dispatch
- Private Taxi Provider Dispatch
- Private Transit Systems

Archived Data Management Subsystem
- City of Midland Accident Database
- City of Odessa Accident Database
- EZ Rider Transit Ridership Database
- Permian Basin Transit Ridership Database*
- Statewide Crash Records Information System
- TxDOT Odessa District Pavement Management System
- TxDOT Odessa District Public Transportation Management System (PTMS)
- TxDOT Statewide Pavement Management System

Commercial Vehicle Administration Subsystem
- TxDOT Credentials Administration and Safety Information Exchange*
- US BCBP Customs Product Manifest System*

Remote Traveler Support Subsystem
- City of Midland HAR*
- City of Odessa HAR*
- EZ Rider Transit Kiosks*
- EZ Rider Transit Point of Sale / Customer Information Systems*
- EZ Rider Transit Transfer Stations*
- TxDOT Rest Area/Visitor Center/Service Plaza/Truck Stop Kiosks*

Personal Information Access Subsystem
- Private Travelers Personal Computing Devices

Transit Vehicle Subsystem
- EZ Rider Demand Response Vehicles
- EZ Rider Fixed Route Transit Vehicles
- Independent School District Buses
- Permian Basin Rural Transit Vehicles

Vehicle Subsystem
- Private Vehicles

Commercial Vehicle Subsystem
- Commercial Vehicles

Maintenance and Const Vehicle Subsystem
- City of Midland Development Services Vehicles
- City of Odessa Public Works Vehicles
- County Road and Bridge Vehicles
- Municipal PWD Vehicles
- TxDOT Odessa District Maintenance Vehicles

Emergency Vehicle Subsystem
- City of Midland Fire and EMS Vehicles
- City of Midland Police Vehicles
- City of Odessa Fire and EMS Vehicles
- City of Odessa Police Vehicles
- County Emergency Vehicles
- DPS Emergency Vehicles
- Municipal Emergency Vehicles

Archived Data User Systems
- Crash Records Users*
- Transit Database Users
- TxDOT Odessa District Pavement Management System Users
- TxDOT Public Transportation Division

Asset Management
- TxDOT BRINSAP
- TxDOT Odessa District Pavement Management System

Care Facility
- Regional Medical Centers

Enforcement Agency
- City of Midland Public Safety Communications
- County Public Safety Dispatch
- DPS License and Weights Division*
- Municipal Public Safety Dispatch

Equipment Repair Facility
- City of Midland Equipment Repair
- City of Odessa Equipment Services
- County Road and Bridge Equipment Repair
- EZ Rider Maintenance Facility
- Private Transit Facility Maintenance Shop
- TxDOT Odessa District Equipment Shop

Event Promoters
- Regional Chambers of Commerce*
- Regional Event Promoters*

Financial Institution
- Financial Institutions

Maintenance & Construction Admin
- TxDOT Odessa District Area Engineers Office

Media
- Local Print and Broadcast Media

Multimodal Transportation Service Provider
- AMTRAK Station*
- Midland International Airport

Other CVAS
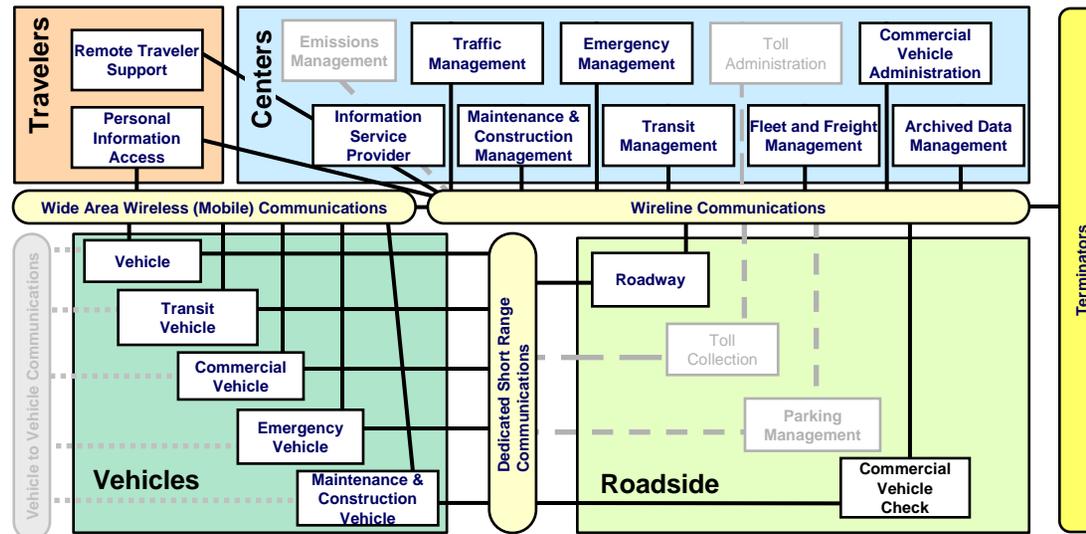- Other States Credentials Administration and Safety Systems*

Other EM
- Permian Basin Regional Incident and Mutual Aid Network*

Rail Operations
- Rail Operations Centers

Traveler Card
- Regional Transit Card*

Wayside Equipment
- Rail Operators Wayside Equipment

Weather Service
- Permian Basin National Weather Service Office

Permian Basin Region
Texas
Regional ITS
Architecture
"Sausage Diagram"

Roadway Subsystem
- City of Midland Field Equipment
- City of Midland School Pager System
- City of Odessa Field Equipment
- City of Odessa School Pager System*
- County Road and Bridge Field Equipment
- Municipal ITS Field Equipment*
- TxDOT Odessa District CCTV*
- TxDOT Odessa District DMS*
- TxDOT Odessa District Field Sensors

Roadway Subsystem
- TxDOT Odessa District School Pager System
- TxDOT Odessa District Traffic Signals
- TxDOT Odessa District Work Zone Equipment

Commercial Vehicle Check Subsystem
- DPS Electronic Screening Stations*
- DPS Weigh in Motion*
- US BCBP Electronic Clearance System*

* Elements are *planned or future*, not *existing*.

Last Updated: January 24, 2005