

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

Remote Traveler Support Subsystem

*CDTA Transit Kiosks
*CDTA Transit Wayside Display

Personal Information Access Subsystem

Private Traveler Personal Computing Devices

Traveler Card

*CDTA Smart Card
*E-ZPass II Tag
E-ZPass Tag

Emergency Vehicle Subsystem

CDTA Supervisors Vehicles
Local Public Safety Vehicles
MedFlight Helicopters
NYS Police Vehicles
NYSDOT HELP Truck
*NYSDOT HELP Truck - Thruway Patrol

Maint & Const Vehicle Subsystem

Local Maintenance and Construction Vehicles

Transit Vehicle Subsystem

CDTA Supervisors Vehicles
CDTA Transit Vehicles
Local Transit Vehicles
School Buses

Vehicle Subsystem

Private Vehicles
*Regional Cellular Telco Probe Service

Information Service Provider Subsystem

*Capital District ATIS Center
*CDTA Traveler Information Center Systems
CDTA Webpage
*NYSDOT Capital Region TMC Traveler Information System
*Private Sector Traveler Information System
*Regional Cellular Telco Probe Service
*RPI Transmit System
TRANSCOM RA Servers

Toll Administration

NYSTA E-ZPass Customer Service Center

Maintenance & Construction Management

Local Dept of Public Works
NYSDOT Bridge Management System
NYSDOT Regional Operations and Maintenance
NYSTA Operations and Maintenance Dispatch

Traffic Management Subsystem

*CDTC Real-Time Travel Demand Model System
City of Albany/City of Schenectady/Local TMC
NYS Canal Corporation Central Systems
NYSDOT Traffic Signal Control Servers
NYSDOT/ NYSP Capital Region TMC
NYSTA Thruway Statewide Operations Center (TSOC)
*Regional Response Plans Archive
*RPI Transmit System
TRANSCOM RA Servers
*TRANSMIT Agencies TRANSMIT Servers

Archived Data Management Subsystem

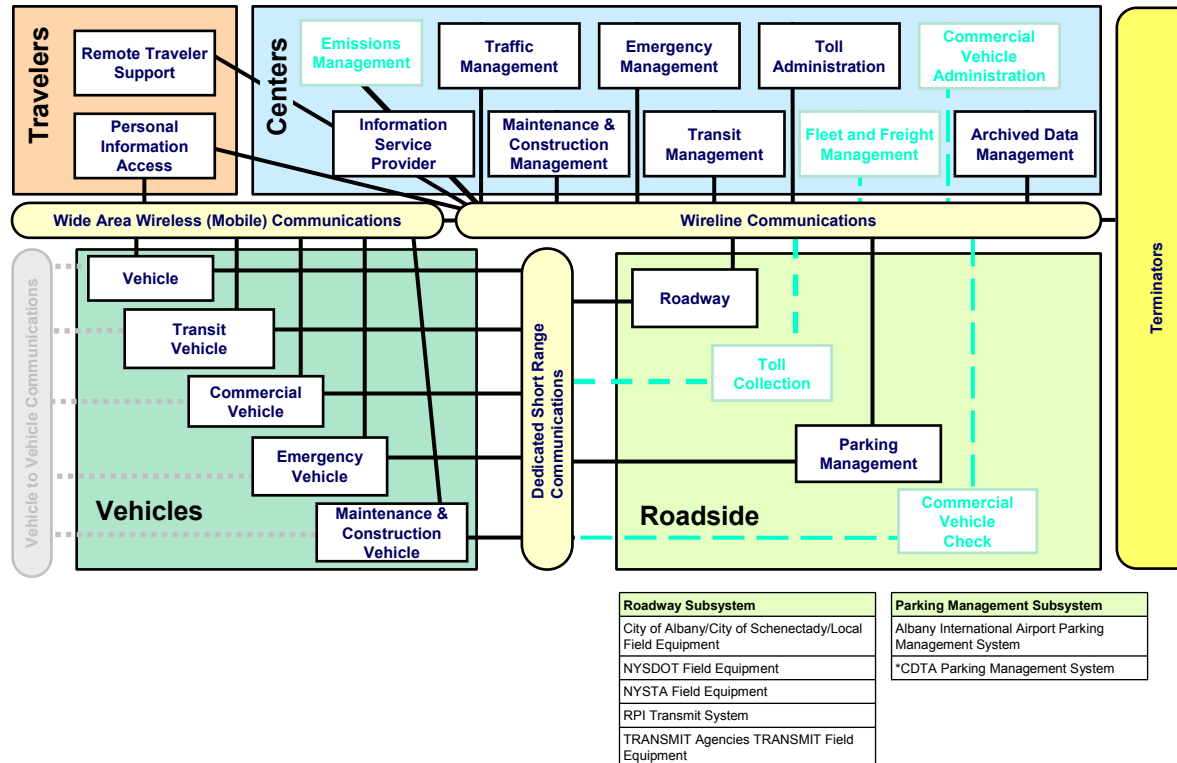
CDTA Transit Archive
*CDTC Planning Archive
City of Albany/City of Schenectady/Local TMC Archive
NYS DMV Accident Reporting System
NYSDOT Region 1 TMC Archive
*NYSTA ATMS Archive
*NYSTA Traffic Count Systems

Emergency Management Subsystem

Albany Medical Center
Capital State Police PSAP
Local Public Safety Dispatch
NYS Police Dispatch- COMSEC
NYS Police Information Network
NYS Police Troop T Dispatch
NYSDOT/ NYSP Capital Region TMC
Private Mayday Providers Vehicle Emergency Systems
Tow Dispatch

Transit Management Subsystem

CDTA Transit Dispatch
*CDTA Traveler Information Center Systems
Local Transit Operations Centers
*RPI Transmit System
School Bus Dispatch-Private
School Bus Dispatch-Public

Capital District, NY
Regional ITS Architecture

“Sausage Diagram”



Archived Data User Systems

*Archived Data User Information Systems

Asset Management

NYSDOT Bridge Management System

Care Facility

Albany Medical Center

Enforcement Agency

Local Public Safety Dispatch

Financial Institution

Financial Institutions

Equipment Repair Facility

Local DPW Repair Facility

Map Update Provider

Capital Region OFT MAGIS

Media

Newspapers, Radio, Television Stations

Multimodal Crossings

NYS Canal Draw Bridges Field Equipment

Rail Operations

Passenger Train Terminals

Traveler Card

CDTA Smart Card
E-ZPass II Tag
E-ZPass Tag

Wayside Equipment

Capital Region Rail Operators Wayside Equipment

Weather Service

NYS Police Information Network
Satellite Weather Service
Web based Weather Services