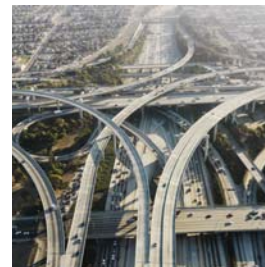


INTELLIGENT TRANSPORTATION SYSTEMS



CSC
NORTH AMERICAN
PUBLIC SECTOR

Transportation authorities around the globe are working to keep highway traffic moving smoothly. Intelligent transportation systems (ITS) built using an array of technologies gives experts the data and tools they need to manage the flow of traffic while providing information to drivers.

Features and benefits

CSC ITS solutions include:

- Low-cost telecommunications solutions
- Decentralized networks that provide connectivity to a substantial number of sites including satellite traffic operations centers, district offices, maintenance shops, state police barracks, broadcast media (radio and television), local government facilities, and other Department of Transportation model administrative and operational offices
- Digital compressed video quality acceptable to both traffic operations personnel and the media
- Real-time access to speed and congestion data and alerts of incidents on roadways
- Automated manual operations to free operators to perform more urgent tasks
- Data integration from multiple systems into one umbrella application to improve operator effectiveness

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Why Choose CSC for Your ITS Solution?

CSC has successfully designed and implemented a number of ITS for clients from Pennsylvania to Colorado. As an acknowledged leader in the fields of information systems and telecommunications, providing ITS services was a natural outgrowth of CSC's fundamental capabilities. Indeed, a strong telecommunications infrastructure to collect transportation data from field sensors, coupled with an effective information processing capability is the "glue" that makes ITS possible

CSC Intelligent Transportation System Experience

- **Pennsylvania:** CSC analyzed statewide ITS bandwidth requirements and recommended a 10-year network architecture that included a mix of leased and resource-sharing infrastructure.
- **Maryland:** CSC analyzed and recommended telecommunications alternatives to support Coordinated Highways Action Response Team, a statewide ITS network. CSC is currently redesigning and implementing an updated statewide telecommunications network to better use existing bandwidth. CSC is currently performing systems engineering for integration of additional traffic devices throughout the state. In addition, CSC is designing and implementing the distributed statewide ITS software for monitoring, controlling, and detecting changes in traffic conditions.
- CSC also is designing and implementing a revised Operations Center for traffic monitoring for Prince George's County and the State of Maryland. CSC is currently advising on the integration and operational concept for county ITS devices.

- **Washington, D.C.:** CSC analyzed the regional telecommunications infrastructure supporting ITS, and is currently developing a regional ITS architecture based on the national ITS model for the Metropolitan Washington, D.C., Council of Governments.

- **Louisiana:** CSC analyzed and designed a statewide telecommunications plan to support statewide ITS resources and enterprise capabilities through the use of public resource sharing for the state.

- **Colorado:** CSC integrated an extensive network of low-level devices to provide more intelligent traffic management for the Colorado Department of Transportation. The Colorado Transportation Management System is an ITS platform that unifies operations, maintenance and systems deployment under a single umbrella application.

CSC frequently undertakes ITS work in partnership with nationally known transportation firms, depending on client needs. It is our unique knowledge of telecommunications and information systems that support ITS that sets us apart from the competition, and ensures that the intelligent transportation systems CSC delivers will function as a fully-integrated solution.