

TransSuite

Traffic Control System

TransSuite® Traffic Control System (TCS) is TransCore's industry-leading signal system designed to meet a wide range of signal system needs.

TransSuite TCS is scalable from a standalone signal system of 50 or more intersections to systems of more than 11,000 intersections with available fully-integrated ITS support for video control, dynamic message sign (DMS) management, incident management, and freeway traffic management. Our newest release offers a fully PC-based hardware architecture and a full Windows® graphical user interface along with TransCore's best-in-class graphical display tools.

The TransSuite Family

TransSuite TCS is part of our family of transportation management software products. TransSuite's user interface is consistent and intuitive across the entire product family. The Windows-based interface will be familiar even to novice users because the interface employs Windows standards for drag and drop controls, ToolTip information, and context-sensitive device menus. Each workstation can access all system functions with customized security levels for each user.

TransSuite TCS displays real-time graphical information for all system components. It also integrates with the control interfaces to facilitate system navigation and management.

The interface includes a GIS-based dynamic map interface with full ESRI support. The interface also includes a schematic graphics display tool that allows customized displays of your data on a backdrop of compatible image files including maps, schematics, CAD drawings, and aerial photos.



Standards Based

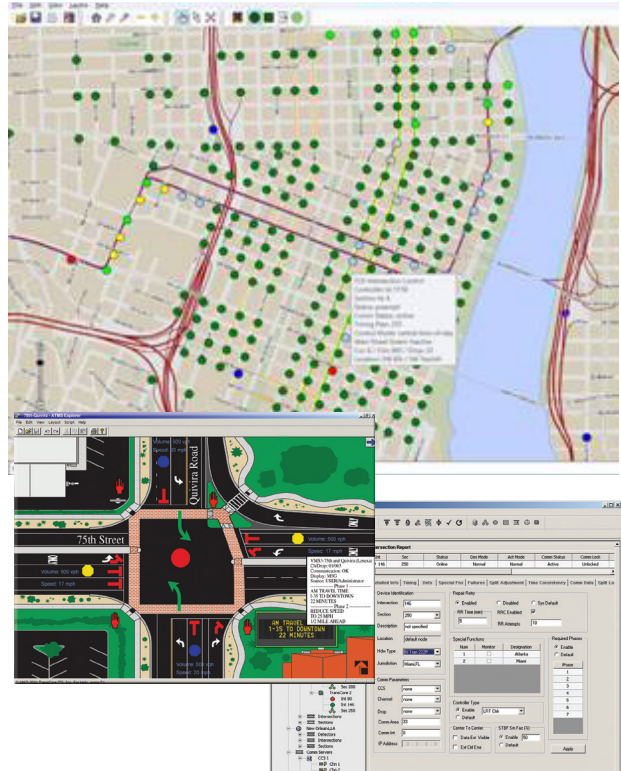
TransSuite TCS leads the industry in the implementation of ITS standards, including NTCIP communications. TransSuite is also fully integrated with industry standards for interface, network, database, and real-time controls. This emphasis on standards enables our customers to maximize compatibility with their existing workstation and server components.

TRANSCORE
Trusted Transportation Solutions

TCS Features

TransSuite TCS is a feature-rich traffic signal management system. Features include the following:

- ▶ Support for multiple controllers
- ▶ Fully compliant NTCIP communications
- ▶ Support for advanced local controller features
- ▶ Multiple control modes, including traffic responsive
- ▶ Real-time communications and error checking
- ▶ IP communications support, including wireless
- ▶ Advanced controller database management tools with efficient parameter upload/download access
- ▶ Flexible, full-featured event scheduler
- ▶ Highly configurable, searchable event log
- ▶ Accommodates over 10,000 intersection controllers and over 10,000 system detectors
- ▶ Remote control capability
- ▶ Performs traffic signal controller error processing
- ▶ Generates reports
- ▶ Allows multiple users to concurrently access and interact with the system
- ▶ Operates 24-hours a day without operator supervision or interaction



Device Type	Software	Protocol
NEMA TS/2 Controllers		
Econolite ASC/3	ASC/3	NTCIP
Econolite ASC/2S	ASC/2	NTCIP
Econolite ASC/2	ASC/2	NTCIP
Siemens M50/M52	SEPAC	NTCIP
PEEK Traffic 3000/3000E & ATC-1000	GreenWave	NTCIP
Type 2070/ATC Controllers/Firmware		
Econolite 2070/ATC	ASC/2 & ASC/3	NTCIP
Eagle 2070/ATC	SEPAC	NTCIP
Fourth Dimension	D4	NTCIP/AB3418E (Database)
Northwest Signal	Voyage	AB3418E
Siemens	NextPhase	NTCIP
McCain	Omni EX	NTCIP
Intelight	MaxTime	NTCIP

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