TransSuite

Event Management System

TransSuite® Event Management System (EMS) is TransCore's industry-leading event tracking and management system. TransSuite EMS is designed to meet a wide range of incident and planned event tracking needs through an intuitive and efficient operator interface. A scalable subsystem, TransSuite EMS is suitable for both arterial and freeway incident tracking and management.

TransSuite EMS provides rules-based dynamic response capability tuned to the local jurisdiction. TransSuite EMS can be enhanced with available modules to support intersection traffic control, video control, dynamic message sign (DMS) control, and freeway traffic monitoring and management, including ramp metering and incident detection. Our newest release offers a fully PC-based hardware architecture and a Windows® graphical user interface along with TransCore's best-in-class graphical display tools.

The TransSuite Family

TransSuite EMS 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, ToolTip information, and context-sensitive device menus. Each workstation can access all system functions with customized security levels for each user.
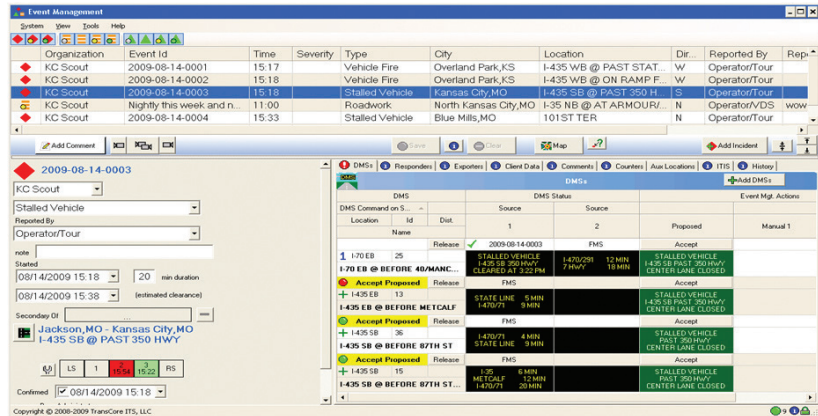
TransSuite EMS offers a flexible user interface that displays real-time graphical information for all incidents and planned events. An optional GIS-based dynamic map interface with full ESRI support is available.

TransSuite EMS can accept automatically-generated incidents from external systems. These include the TransSuite Freeway Management System's automatic incident detection algorithms and Computer Aided Dispatch (CAD) system incident data from a local jurisdiction's police or emergency services.

TransCore
Trusted Transportation Solutions

Standards Based

TransSuite EMS leads the industry in the implementation of ITS standards, including NTCIP and IEEE 1512 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. TransSuite and its available modules support a wide variety of manufacturer's field devices which employ the NTCIP standards.

Our system design recognizes both the advantages and limitations of the standards, and can work effectively on a wide variety of communications media and infrastructures.

EMS Features

Using TransSuite EMS, operations staff can track incidents and planned events from start to finish by collecting the following information:

- ▶ Who reported the incident
- ▶ When the incident was reported
- ▶ Where the incident is located
- ▶ What the incident type is
- ▶ Who should be notified
- ▶ Who has been notified
- ▶ What units responded to the incident
- ▶ When the responding units arrived
- ▶ What actions have been taken
- ▶ When the incident was closed

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