

Sign Control Software

Central DMS Sign Control Software

Cabinets
Controllers
Signals
Signs
Software
Specialty



Overview

McCain's sign control software, a component of *Transparency*® software suite, provides central control and monitoring of Dynamic Message Signs (DMS). The software is fully compliant with and supports any National Transportation Communications for Intelligent Transportation System Protocol (NTCIP) compliant sign. The software features a scheduler and event manager that accommodates pre-programmed and on-the-fly messages, as well as scenario management. A user-friendly map feature displays current location, sign status, and current message and can easily integrate with other *Transparency* modules to map your entire ITS system.

Benefits

- Central system to monitor and control DMS signs
- Scheduler accommodates pre-programmed and emergency messages
- Scenario configuration allows rapid response to specific events
- Real-time sign location and message information displayed through easy-to-read system maps
- WYSIWYG editor allows messages to be previewed exactly as they will be displayed
- Pixel feedback verifies equipment operation status

Product Description

McCain's sign control software provides real-time monitoring and control of multi-vendor, NTCIP compliant DMS signs. Empowering operations management with full sign control and monitoring, McCain's sign control software allows managers to immediately disseminate general warnings, alerts, and information on changing traffic conditions to all DMS signs, enhancing traffic flow and safety.

McCain's easy-to-use control software can control a limitless number of signs throughout an entire region. The software accommodates both local and remote access for multiple-users at different permission levels.

The software is a component of McCain's *Transparency* software suite designed to remotely access and manage all traditional ITS applications via one central system. The sign control software is offered as a stand-alone product or bundled with other *Transparency* modules to manage all your ITS applications.

Sign Control Software

Scheduler & Event Manager

- Schedules recurring messages based on time of day, day of the week, and day of month
- Allows management to quickly and efficiently disseminate warnings and directional information to motorists regarding lane closures, accidents, detours, traffic delays, etc.
- One-click scenario management immediately displays pre-defined message sets on all signs allowing pre-determined response to events as they occur
- Message queue manages the current message displayed based on allocated message priority

System Maps

- Easy-to-read bitmap and GIS-based maps display sign locations and current information
- Displays current sign status and pop-up displays that show current messages
- Allows users to execute common operations directly from the system map screen
- Map fully integrates with other *Transparity* modules for tracking and monitoring of your entire ITS system

WYSIWYG Editor

- What-You-See-Is-What-You-Get (WYSIWYG) text and graphics editor allows users to design and preview messages exactly as they will be displayed
- Allows creation of multiple page, scrolling, and flashing messages
- Creates a library of allowable messages and enforces a user-defined dictionary of allowable words
- Supports a standard or user-created font library

Infrastructure Management

- Monitors sign status including current message, communications, alarms, and general information for day-to-day operations
- Pixel testing allows remote verification of sign pixel operability

Transparity Software Suite

Transparity central control software is designed to manage Intelligent Transportation Systems including traffic, transit, parking and freeway/incident management. This innovative software solution provides a single interface between a collection of stand-alone modules that operate individually or in a bundle customized to meet your requirements.

Powered by National Transportation Communications for ITS Protocol (NTCIP) industry standards, Transparity software suite connects to NTCIP compliant devices allowing customers to manage various products through one solution.

System Requirements

The sign control software can be deployed as a stand-alone application or as a client/server architecture on a Windows based network. In a client/server architecture, clients connect to the server over any standard LAN/WAN. Contact a McCain representative for more information on integration and system requirements.

Installation

McCain's software installation team will work with you throughout the entire installation process to ensure optimum performance with your current infrastructure. During the initial consultation a customized time line will be established to provide the framework for the entire installation process. Major phases generally include preparation, configuration, installation, test and commissioning, software training, and final roll out.

Customer Support You Can Trust

McCain's superior customer support team is dedicated to providing comprehensive support to all of our customers in a professional and timely manner. Technical support is available both online and via the phone.

To learn more about McCain's Integrated Traffic Solutions, please contact info@mccain-inc.com or call (760) 727-8100



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