

Transparency® Software Suite

Integrated ITS Management



Cabinets
Controllers
Signals
Signs
Software
Specialty

Overview

Transparency 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 user interface for a collection of stand-alone modules that operate individually or bundled to meet your requirements. Conforming to National Transportation Communications for ITS Protocol (NTCIP) standards, *Transparency* software connects to any NTCIP compliant device allowing customers to centrally manage various transportation applications.

Benefits

- Manage all traditional ITS applications through a single Graphical User Interface (GUI)
- Compatible with any NTCIP compliant device
- Software is fully scalable to meet the size and scope of your project
- Supports a wide range of devices allowing you to move into a next generation software system without having to replace your current infrastructure

Product Description

Transparency central control software allows the remote management of all traditional ITS applications via one system. Whether you are looking to manage a single traffic application or your entire transportation infrastructure, *Transparency* software is fully scalable to meet the size and scope of your unique requirements.

The central system can be accessed through various interfaces including traditional Windows interface, web-based, or even remotely via mobile devices.

Based on NTCIP industry standards, *Transparency* software supports any NTCIP compliant device, including but not limited to 170, 2070, ATC, and NEMA intersection controllers, variable message signs (VMS), cameras, transit devices, or parking systems. Supporting such a wide range of devices, the software protects your existing investment while allowing a seamless migration path to next generation technology.



Traffic Management

Central software for remotely monitoring and controlling standard and advanced traffic functions:

Intersection Control

- *Advanced monitoring and control of signalized intersections. Collects and stores data for analysis and system improvements.*

Adaptive Control

- *Automatically adjusts signal timing to road conditions minimizing traffic congestion.*

Transit Signal Priority

- *Accommodates programmable and real-time signal priority requests to maximize on-time transit arrivals.*



Transit Systems

McCain's *Flash*™ public transportation management software increases the efficiency and reliability of your entire public transportation fleet. The software offers three unique functions 1) operations management and fleet monitoring, 2) data compilation and management reports, and 3) real-time passenger information. *Flash* software is fully scalable, managing as many or as few fleet operations as desired all via one GUI.



Freeway / Incident Management

Integrated system maps provide comprehensive monitoring and control for freeway / incident response management:

Freeway Ramp Metering

- *Controls vehicle entry onto freeways in an effort to minimize traffic congestion.*

Incident Management

- *Detects incidents and notifies proper authorities. Communicates with variable messages signs to post advisory messages to motoring public.*

DMS Sign Control

- *Real-time monitoring and control of a limitless number of signs. Program scheduler and override capabilities.*

CCTV

- *Camera control for live system monitoring, enhancing the operators ability to respond to changing road conditions.*



Parking Guidance

McCain's revolutionary *iPark*™ parking guidance solution seamlessly integrates with your overall transportation network and can be managed through *Transparency* software's GUI. *iPark* control software provides accurate real-time parking space availability management. Occupancy data is distributed via nearby signs, guiding patrons to the first available parking space. This results in an eco-friendly solution that improves customer satisfaction, minimizes time spent locating a parking space, reduces traffic congestion, and maximizes parking structure occupancy.

System Requirements

Transparency 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.

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. Based on your negotiated service agreement, technical support is available via our dedicated help desk both online and over the phone.