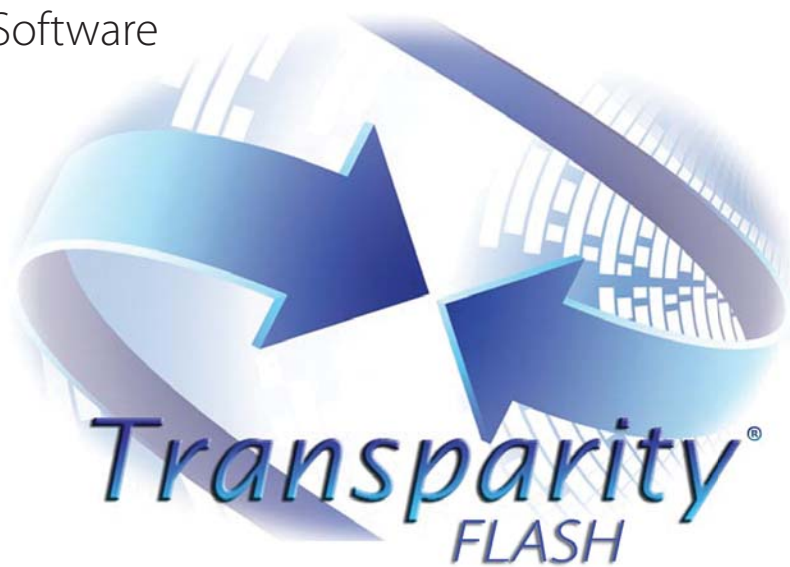


Flash®

Powered by Mizar Automazione

Public Transportation Fleet Management Software



Cabinets
Controllers
Signals
Signs
Software
Specialty

Overview

Flash®, a module of *Transparency*® software suite, is an automated system designed to efficiently manage an entire public transportation fleet. This innovative software program provides real-time monitoring of the fleet through the use of multiple positioning technologies including route matching, Global Positioning System (GPS), and dead reckoning techniques that guarantee high location accuracy under all operating conditions. *Flash* provides real-time passenger information updates accessible to the public via PDA's, mobile phones, and the internet. Vast data compilation and off-line analysis tools provide management with the necessary performance statistics and reports to increase public transportation efficiency and reliability.

Benefits

- Automated system for effective management of public transportation fleets
- Decision support tools and automated procedures increase fleet efficiency and service reliability
- Real-time monitoring displayed through easy-to-read tables, graphs, and maps
- System optimization through comprehensive data compilation and reports
- Transit schedules accessible via PDA's, mobile phones and the internet
- Real-time passenger information displays
- Easy integration with all modules of the *Transparency* software suite

Product Description

Flash was developed to increase the efficiency and reliability of public transportation services including bus and rail. It offers three distinct functions 1) operations management and fleet monitoring, 2) data compilation and management reports, and 3) real-time passenger information.

Flash is modular and scalable allowing it to effectively manage multiple fleets simultaneously, regardless of existing onboard equipment and communication systems, through a single Graphic User Interface (GUI).

Flash is a module of McCain's *Transparency* software suite designed to remotely access and manage all traditional Intelligent Transportation System (ITS) applications via one central system.

Operations Management & Fleet Monitoring

- Multiple positioning technologies (route matching, GPS, and dead reckoning) track real-time vehicle locations
- Tabular, graphical, and map-based charts display easy-to-read vehicle locations and time schedules
- Data and voice communication with drivers
- Increase on-time fleet operation by enabling managers to act in a timely manner
- Integrate with ITS control systems to enable selective priority requests for bus and rail lines, adjusting for vehicles ahead of or behind schedule

Data Compilation & Management Reports

- Automatically collect and distribute live information on the condition of the transportation fleet
- Compare planned routes and time schedules with actual ones enabling immediate discrepancy resolution
- Highly accurate service time estimates are available by utilizing past trends, historical data, and a sophisticated algorithm that identifies characteristics of typical 'type' days
- Compile, classify and store fleet data
- Routine reports, performance statistics and off-line analysis tools to increase public transportation service regularity and efficiency

Real-time Passenger Information

- Publicly accessible passenger information via PDA's, mobile phones, and the internet

Transparency Software Suite

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 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, Transparency software suite connects to NTCIP compliant devices allowing customers to manage various products through one solution.

System Requirements

Flash is developed on a local network architecture in a Windows environment using a relational database. System requirements vary based on your current infrastructure. 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

