

SWARCO MYCITY TrafficPlanIQ

SIGNAL TIMING MANAGEMENT SYSTEM

A MYCITY SOLUTION

MyCity TrafficPlanIQ revolutionizes your traffic signal optimization workflow by offering a comprehensive solution for signal timing. It stands out as one of the leading solutions in the market with its innovative approach to traffic management. Leveraging your current infrastructure, MyCity TrafficPlanIQ eliminates the need for additional expenses or hardware. Enhance safety and reduce transit times by optimizing your traffic signals with MyCity TrafficPlanIQ



KEY BENEFITS

- Single software application automating data collection, timing plan creation, deployment, and intersection control
- Reduces the signal timing process from weeks or months to minutes
- Eliminates manual data collection which can be inaccurate, costly and resource intensive
- Works with your existing traffic infrastructure without any additional hardware
- Alleviates workload by using an automated process that streamlines tasks and enhances efficiency

PRODUCT DESCRIPTION

MyCity TrafficPlanIQ streamlines all workflows for traffic engineers, acting as the single solution that can be used to collect data, generate timing plans, and deploy them to signal controllers using National Transportation Communications for Intelligent Transportation Systems (NTCIP) protocol.

With MyCity TrafficPlanIQ, you can effortlessly create timing plans tailored for each day of the week. Generating a timing plan takes less than two minutes, with no transitions between plans. You will also eliminate the hassle of collecting traffic counts since the software data collector handles that for you. Traffic count data is collected with unparalleled accuracy, ensuring continuous monitoring 24/7/365.

MyCity

MYCITY TrafficPlanIQ

MyCity TrafficPlanIQ is a software solution that seamlessly integrates with your existing traffic infrastructure, collects ATSPM data and creates optimized timing plans and pushes to your controllers.

STANDARD FEATURES

Continuous and accurate traffic count data is collected using the same AI technology models used by autonomous vehicles.

Simplified Workflow

Seamlessly integrates all traffic engineering workflows into one system. MyCity TrafficPlanIQ is the only software required for data collection, creating timing plans, and deploying these plans to the signal controllers.

Simplifies Complex Timing Planning

Welcome to the world of 2-minute timing plans! With just one software program, you can collect data, create timing plans, deploy, and control your intersections, without the headaches and costs of traditional field traffic studies.

Cost Effective

Our solution is affordable, user-friendly, and seamlessly integrated with your existing traffic signal technology such as cabinets, controllers, and ATMS systems.

Low Resource Requirement

No additional traffic or IT staff are required because TrafficPlanIQ is a cloud-hosted SaaS application. It uses your existing traffic infrastructure, requiring no complex maintenance or on-premise IT requirements.

Create Safer Optimized Intersections

Leveraging MyCity TrafficPlanIQ's capabilities for traffic simulation, optimization, and analysis can significantly streamline the design process and help create safer and more optimized intersections.

SYSTEM FUNCTIONALITY

Cohesive Controller Interface

- Collects ATSPM data 24/7/365
- Creates optimized timing plans
- Push timing plans to your NTCIP controllers
- Software only, no hardware required

Voted "Best ITS Implementation Project" in 2022

- 42% reduction in waiting times¹
- 24% reduction in travel times
- 24% reduction in stops
- Zero commuter complaint calls

CUSTOMER SUPPORT

SWARCO McCain's ITS Solutions team provides personalized support, system selection, integration, and ongoing maintenance. Other service options include dedicated online user groups and tailored trainings.

¹Independent study by Arizona DOT, MAG & HDR, Inc.