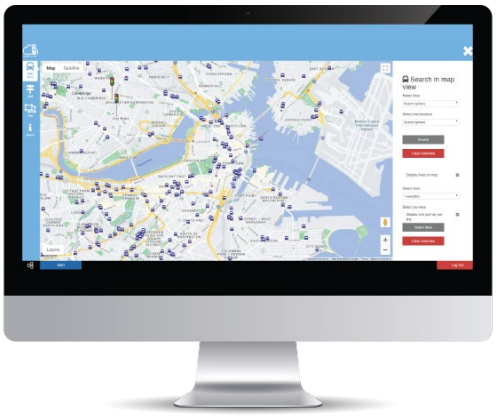
SWARCO

MYCITY SMART PRIORITY

DYNAMIC PRIORITY MANAGEMENT SYSTEM

A MYCITY SOLUTION

MyCity Smart Priority is a scalable cloud-based solution designed for customized priority requests at traffic lights. It operates efficiently with either a central system or communication devices installed on public transport vehicles, which transmit position data. By utilizing existing infrastructure, MyCity Smart Priority offers a cost-effective tool to optimize travel times, therefore minimizing CO2 emissions and enhancing the overall passenger experience.



KEY BENEFITS

- Cost effective and easy to implement and maintain
- Increased mobility that leads to better travel times
- An effective tool towards reducing CO2 emissions
- Faster response times for emergency vehicles
- Configurable and flexible
- Automatic real-time detection zones and priority

PRODUCT DESCRIPTION

MyCity Smart Priority leverages your current hardware and infrastructure to create a system of adaptive transfer of priority requests to traffic lights. It offers a scalable solution catering to buses, emergency vehicles, and bikes, making virtual prioritization more cost-effective, easier to implement, and environmentally sustainable.

MyCity Smart Priority enables public transit to navigate more efficiently through traffic, adhere to schedules, and minimize travel times. This system promotes this use of public transit usage which alleviates traffic congestion and CO2 emissions. In addition to prioritizing public transportation, MyCity Smart Priority extends its benefits to emergency vehicles by offering them a green light sequence. This feature reduces response time during emergencies and enhances overall safety.

MyCity

MYCITY SMART PRIORITY

MyCity Smart Priority aims to enhance the accessibility, sustainability, and quality of urban transportation services by leveraging cutting-edge technologies and innovative strategies to address the evolving needs of passengers and communities.

STANDARD FEATURES

Real-Time Data from Vehicles
Data from vehicles, such as GPS location, speed, and direction, can be collected to provide insights into traffic patterns. The MyCity Smart Priority software can analyze this data to identify congestion hotspots, optimize traffic signal timings, and suggest alternate routes to reduce travel times.

Third-Party Integration
Third-party integration enhances the functionality, scalability, and interoperability of smart priority software, allowing it to leverage existing resources and infrastructure to effectively achieve its objectives. Third-party software includes traffic and navigation services, emergency services communication, vehicle telematics, public transit schedules, environmental and weather services, and traffic signal controllers.

Dynamic Transfer of Priority Requests
This feature of MyCity Smart Priority software reviews all of the available resources and prioritizes requests based on dynamically changing conditions. By integrating real-time data, the software can effectively prioritize requests and manage traffic flow.

SYSTEM FUNCTIONALITY

Web-Based Graphical Interface
- User-friendly dashboard makes it easy to navigate and manage various aspects of transportation prioritization
- Allows real-time visualization of traffic conditions, priority requests, and system status
- Interactive maps enable users to visualize traffic flow and congestion patterns
- Ability to configure and customize system settings through easy to use graphical controls and menus
- Included reporting and analytics allow users to track performance metrics and analyze historical data

Virtual Detection
- Virtual sensors or algorithms are used to detect the movement or prescence of objects which eliminates the need for physical sensors
- Enhances the responsiveness, efficiency, and effectiveness of priority management and traffic control systems

Cloud-Based SaaS
- Allows for automatic updates and maintenance which ensures the software is always up-to-date with the latest enhancements, features, and security patches
- Implements robust security measures to protect user data and ensure compliance with industry standards and regulations
- Avoid the upfront costs associated with purchasing and maintaining an on-site hardware and software infrastructure

On-Board App
- Serves as a virtual component for facilitating real-time data collection and communication
- Allows submission of priority requests which are sent directly to the MyCity Smart Priority software platform
- Provides routing and navigation assistance to drivers
- Customizable to specific user requirements

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.