

SWARCO MYCITY ANALYTICS

A TRAFFIC QUALITY MANAGEMENT TOOL

CREATING
A HOLISTIC
VIEW OF YOUR
CITIES TRAFFIC
PERFORMANCE

MyCity Analytics is a web-based, user-friendly quality analysis system for traffic signal controls. It makes it possible to perform regular and comprehensive system analysis that goes beyond specific, single-target checks.

Complex traffic signal controls must meet the high expectations and standards of both road users and system operators. To prove that these standards are being met and ensure that the control is working properly, it is necessary to perform regular and thorough checks of the control. MyCity Analytics allows you to do all that, manage large data volumes and perform broad, system-wide analysis.

UNDERSTAND
YOUR **TRAFFIC**
IMPROVE
AIR QUALITY
ANALYZE
YOUR **CITY**

The complexity of urban transportation systems has become highly disrupted, and cities need to find new ways to plan for current and future mobility and traffic-related issues.

MyCity provides cities with interactive reports on traffic signal control performance, analyzing public transport priority requests, evaluation of processes that involve multiple intersections and monitoring of traffic signal controls. This

approach helps cities to plan future investments, improve infrastructure, traffic flow, and air quality. Calculations of green times, journey times or similar is visualized in user friendly reports which helps you to make the right decisions.



OPERATOR AND PLATFORM BENEFITS

OPERATOR FRIENDLY

It's easy to use from a single sign-on system that gives you access to important data and reports via a user-friendly and intuitive dashboard.

EASY ACCESSIBILITY

The micro service-based technology is built on a brand-new platform and operated by SWARCO 24/7 in a secure cloud system.

PROACTIVE MANAGEMENT

For sustainable and proactive mobility management in the digital age, you need to understand your data as a first step. MyCity not only collects the data from multiple sources and areas, but it also

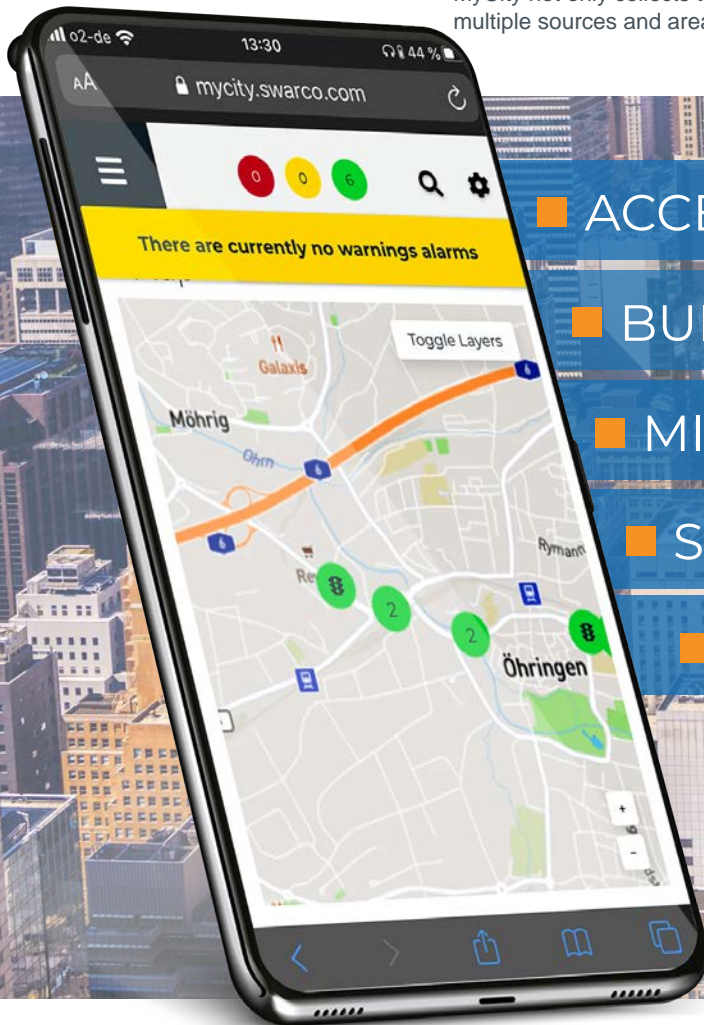
analyzes your real-time and historical data, provides you with user-friendly reports, and enables you to create simple and complex strategies.

FLEXIBLE INTEGRATION

SWARCO MyCity shares & process data from different systems in an urban environment and we can act as a the aggregator of mobility relevant data sources and convert these to value-adds but also as a vendor who acts as a contractual aggregator.

MODULAR AND SCALABLE

MyCity is scalable and enables you can add new solutions when you need them or accommodate project-specific requirements.



- ACCESSIBLE ANYWHERE
- BUILT FOR USERS
- MICRO-SERVICES BASED
- SINGLE-SIGN-ON
- MODULAR & FLEXIBLE

CITY AND ROAD-USER BENEFITS

EFFICIENT VEHICLE MOVEMENT

Identify and evaluate traffic efficiency issues, simulate journey times, and scan various traffic-related parameters to ensure that your city meets the targeted goals.

EVALUATE TRAFFIC FLOWS

Interactive evaluations can be performed for both private transport and public

transport. Private transport evaluations analyze signal groups' green times, red times, saturation degree, and offset times. The signal timing plan and coordination are displayed on a real timeline, providing a clear overview of any irregularities concerning coordination.

IMPROVE PUBLIC TRANSPORT

MyCity analyzes priority-related transmissions from public transport vehicles and the signal groups they are assigned to. Timetable compliance and travel times are checked, and it is easy to

display a comparison of actual values and target (planned) values.

LOWER INFRASTRUCTURE COSTS

This modern analytics tool will allow you to make better use of your city's existing infrastructure, identify problem areas and plan next investments where decisions are based on data. Build new roads where needed and improve other areas using more cost-efficient solutions, e.g., invest in ITS, CCAM, or bicycle solutions.