

SWARCO

MYCITY TMS ADAPTIVE

ADAPTIVE NETWORK CONTROL FOR COMPLEXED TRAFFIC CHALLENGES

TRAFFIC-ADAPTIVE CONTROL FOR CORRIDORS & NETWORKS



Traffic management system using adaptive network control functions that enables operators to make more complex program selections. Cities can now do away with the limitations of rigid coordination, in terms of both physical range and timing, to perform short-term traffic flow forecasting or change green time distribution and select scenarios. Adaptive network control is extra important in densely populated urban areas, corridors with fluctuating traffic flows and special event-related traffic situations

MyCity enables tools to manage complexed challenges.

CREATE SEAMLESS
TRAFFIC FLOW
IMPROVE **AIR**
QUALITY
ADAPT TO
YOUR CITY



TMS Adaptive enhances the performance of local adaptive controls by identifying and reallocating unused green times. It makes sure that just as much green time is

provided, as it is needed for the expected vehicle count.

It optimizes the offset of coordinated controls to increase the quality

of your green waves. By changing project-specific parameters at runtime it allows for a great number of individual solutions to optimize traffic.



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

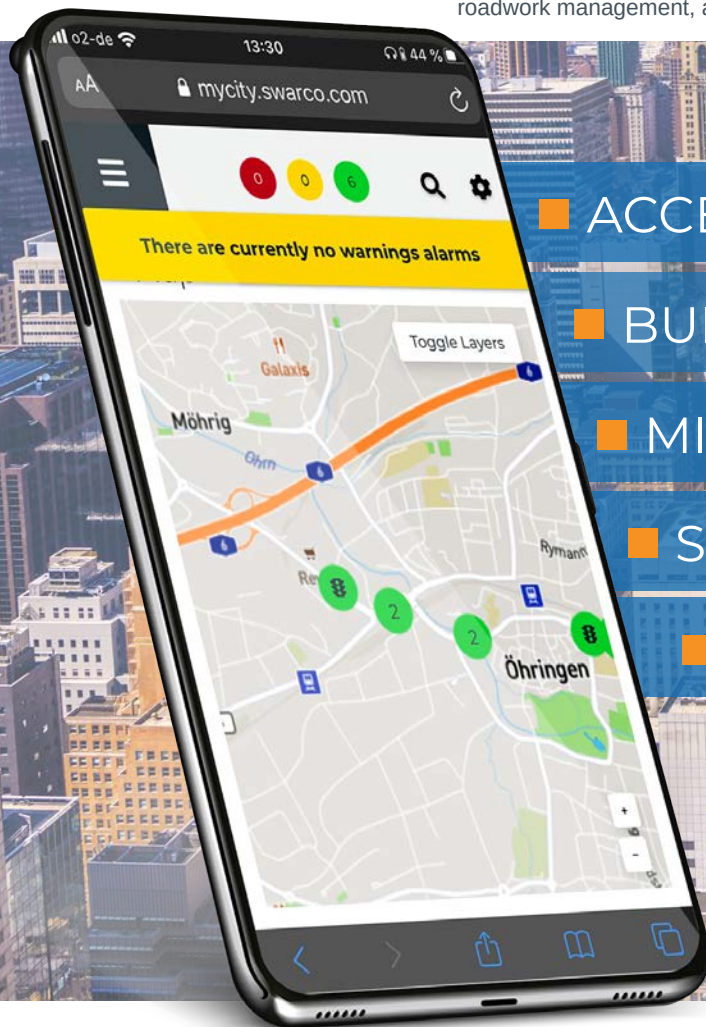
Real-time and historical data reports enable you to implement strategic decisions with scheduled or manual control functions, workflows and roadwork management, and more.

FLEXIBLE INTEGRATION

MyCity enables data sharing and processing from different systems in an urban environment. It acts as an aggregator of mobility-relevant data sources and is a single point of contact for all interfaces. SWARCO also offers partnership management with data providers and ease your operational work.

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

Reduce travel times for road users by using real-time and historical data to plan and evaluate traffic flows and keep your city's traffic moving efficiently.

IMPROVED TRAFFIC SAFETY

Improved workflows and data processing mean you can proactively prevent many

incidents before they happen (such as a dangerous build-up of traffic resulting from a faulty signal), reducing the likelihood of accidents, or when there is an accident, priority can be given to emergency vehicles.

BETTER AIR QUALITY

Smoother traffic flows and less congestion mean reduced levels of vehicle emissions. MyCity TMS Adaptive helps you to create a green wave and prioritize specific type of vehicles e.g. buses, emergency vehicles and/or cyclists so reaching your

city's environmental goals becomes more realistic.

LOWER INFRASTRUCTURE COSTS

This modern planning tool will allow you to make better use of your city's existing infrastructure, rather than the costly alternative of building more roads.

TECHNICAL DETAILS	
Core Functions	User Management User Profile User Groups Single Sign-On Data Privacy & Security Multi Tenancy Search Audit Log
Device Management	Device Management Device Creation & Deletion Device Groups
Permission Management	Permission Management
Standard functions	Tenant Configuration Multi-Screen Support Map as an Interface Help Center Dashboards
Audit log & search	Session Log
Device integration	PKI & Device Provisioning OCIT-O STCIP ITC Remote Panel Senseview/NowWireless - AQ Detectors Senseview/NowWireless - Journey Time Senseview/NowWireless - Vehicle Detection Swarm - Vehicle Detection STS/RBS BL Air Dec/Futurit OCIT-C Client
Monitoring	Alarm Management Alarm Notification Configuration On-Duty Calendar Command Log Device States TLC Monitoring Device Message Log Operational Log Air Quality Monitor Vehicle Count Monitor Journey Time Monitor
Reports & analytics	Configurable Tables & Exports Simple TMS Analytics Signal Monitor Traffic Quality Metrics

The Austrian-based traffic technology corporation, is a growing international group providing the complete range of products, systems, services and solutions for road safety and intelligent traffic management.

SWARCO reserves the right to make changes at any time in order to supply the best product possible. © SWARCO 2021

TECHNICAL DETAILS

Control	TLC Commands Manual Commands Delayed Sending Command Management Corridor Control Timing Configuration Scheduling Actions Global Commands Action Plans Command Hierarchies Program Status Overview Corridor Control
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Automate	Traffic adaptive control Control Panel Monitoring
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The Better Way. Every Day.

