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

MY 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.

The Better Way. Every Day.

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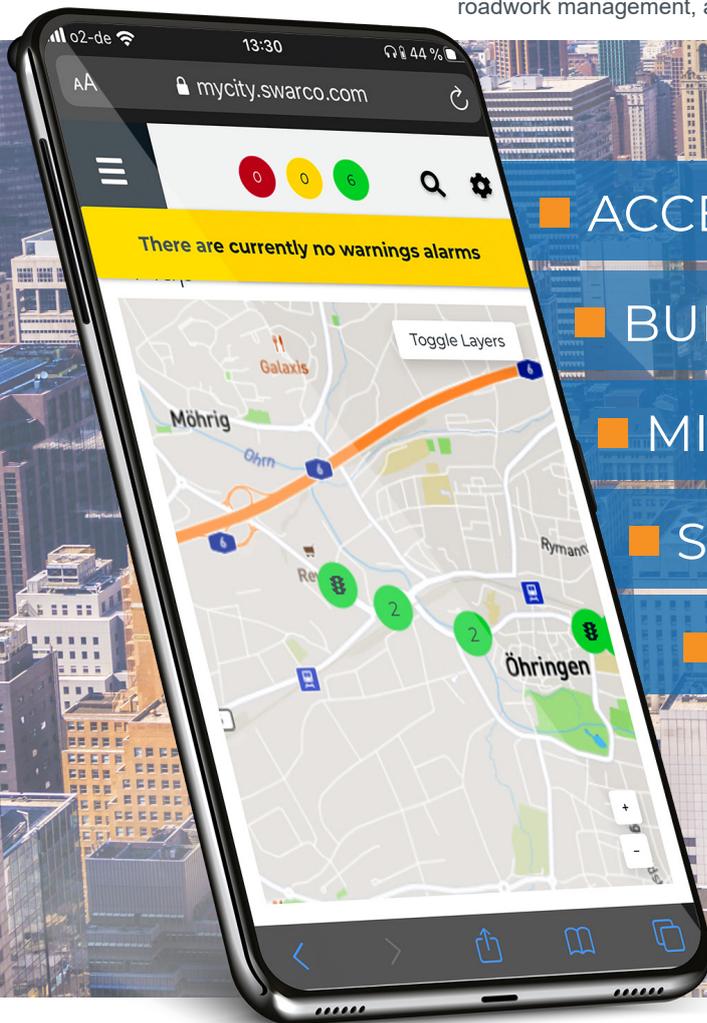
PROACTIVE MANAGEMENT
Real-time and historical data reports enable you to implement strategic decisions with scheduled or manual control functions, workflows and roadwork management, and more.

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.

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TECHNICAL DETAILS

Core Functions	User Management User Profile User Groups Single Sign-On My Tenant Configuration 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 Help Center Dashboards
Audit log & search	Session Log
Device integration	PKI & Device Provisioning OCIT-O STCIP ITC Remote Panel NowWireless - AQ Detectors NowWireless - Journey Time NowWireless - Vehicle Detection Swarm - Vehicle Detection STS/RBS BL Air Dec UTMC (VMS) WOWZA OCIT-C Client
Monitoring	Alarm Management Alarm Notification On-Duty Calendar Command Log Device States TLC Monitoring Messages Operational Log Camera Monitor Sign monitor Air Quality Monitor Vehicle Count Monitor Journey Time Monitor Alarm Notification Configuration

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.

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TECHNICAL DETAILS	
Data & analytics	Configurable Tables & Exports Simple TMS Analytics SIPL Traffic Quality Metrics
Control	TLC Commands Delayed Sending Scheduler Command Manager Corridor Control Sign Message Manager Timing Configuration Scheduling Actions Global Commands Action Plans Command Hierarchies Program Status Overview Control Panel Monitoring
Automate	Traffic adaptive control

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