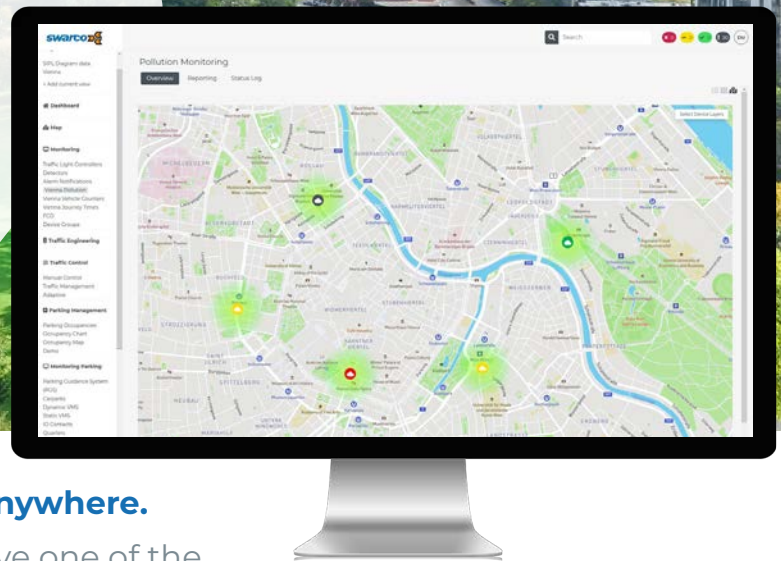


SWARCO

MYCITY AIR QUALITY MONITORING

MAKES YOUR JOB MORE EFFECTIVE AND YOUR CITY GREENER

MONITORING
SOLUTION
FOR GREENER
CITIES



Full overview of your city's air quality, anywhere.

MyCity Air Quality Monitoring helps to solve one of the biggest problems of our cities. By sensing, collecting, and visualizing real-time and historic air-quality metrics, it gives a clear picture of urban air quality. Armed with this baseline data, it makes it easier to understand what future investments will be needed to improve air quality.

MONITOR AIR
QUALITY

MONITOR
YOUR CITY



It is estimated that 97% of cities in low-and-middle-income countries and 49% of cities in high-income countries do not meet World Health Organization air quality guidelines. In addition to the tragic loss of life this causes, it is also costing the global economy around €1 trillion per year.

MyCity Air Quality Monitoring will enable you to quickly get an overview of when and where CO2 or nitrogen dioxide emission levels are too high. By collecting real-time and historical data you can now identify problem areas and where further investments are needed.

In turn, this will help to make your city's streets cleaner and more user friendly for drivers, public transit passengers, cyclists, pedestrians and all other people who live there.



OPERATOR AND PLATFORM BENEFITS

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.

EFFECTIVE RESOURCE USE

You'll spend less time manually monitoring the city's roads leaving you free to make better use of your valuable time. A user-friendly dashboard provides you with heatmaps and you can now easier understand the air quality situation in your city.

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 to 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 TRAFFIC FLOWS

Real-time and historical data means you can take the guesswork out of planning and evaluating traffic flows and keep your city's traffic flowing efficiently. With user-friendly heatmaps, the system gives you a quick overview of the current and historical state of your cities air quality.

REDUCED POLLUTION

Air quality monitoring lets you know when and where actions need to be taken. You know how polluted your air is and where which lets you make strategic decisions and resolve the problem faster. You can also collect historical data and therefore create strategies for needed future investments.

YOUR CITY'S IMAGE

The quality of life in a city goes a long way in determining whether or not it attracts new businesses and more people to live and work there. Good air quality in a city brings many health benefits and being an environment-friendly city brings a more positive image of your city.

TECHNICAL DETAILS

Core Functions	<ul style="list-style-type: none"> User Management User Profile User Groups Single Sign-On Data Privacy & Security Multi Tenancy Search Audit Log Data Source Manager
Device Management	<ul style="list-style-type: none"> Device Creation & Deletion New Device Approval Device Groups
Permission Management	<ul style="list-style-type: none"> Permission Management
Standard Functions	<ul style="list-style-type: none"> Tenant Configuration Multi-Screen Support Map As An Interface Help Center Dashboards
Audit Log & Search	<ul style="list-style-type: none"> Session Log
Device Integration	<ul style="list-style-type: none"> Pki & Device Provisioning Senseview/Nowwireless - Aq Detectors Air Dec
Monitoring	<ul style="list-style-type: none"> Device States Air Quality Monitor Alarm Notification Configuration
Reports & Analytics	<ul style="list-style-type: none"> Configurable Tables & Exports

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