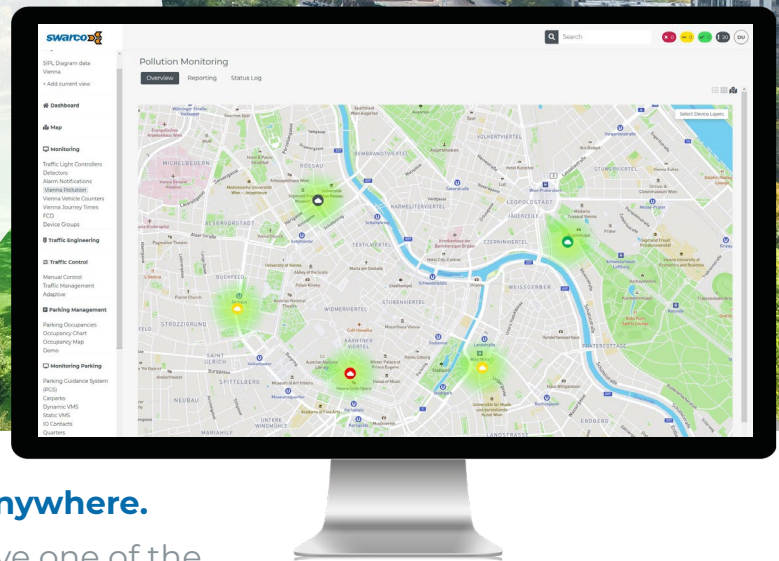


SWARCO

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.



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 Monitoring will enable you to quickly get an overview of when and where CO₂ or nitrous oxide 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

It's accessible from anywhere. The micro service-based technology is built on a brand-new platform and operated 24/7 by SWARCO in a secure cloud environment.

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

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 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 CITIES 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 |
| Device Management | <ul style="list-style-type: none"> Device Management Device creation & deletion New device approval |
| Permission Management | Permission Management |
| Standard functions | <ul style="list-style-type: none"> Tenant configuration Multi-screen support Map Help Center Dashboards |
| Audit log & search | Session log |
| Device integration | <ul style="list-style-type: none"> PKI & device provisioning NowWireless - AQ Detectors Air Dec |
| Monitoring | <ul style="list-style-type: none"> Device states Messages Operational log Air Quality Monitor |
| Data & analytics | 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

The Better Way. Every Day.

