

SWARCO

MYCITY PGS

HOLISTIC END-TO-END PARKING GUIDANCE SYSTEM

DIGITALIZE
YOUR WORK
FOR EASIER
DAY-TO-DAY
OPERATIONS



MyCity Parking Guidance System(PGS) is an end-to-end parking solution that includes parking sign management, scenario management, custom dashboards, and analytical tools that provide a full overview of parking facilities and events. Parking signs can be static or dynamic signs or virtual signs displayed within parking or navigation apps such as PARCO. This cloud-based scenario management solution helps cities to digitalize their work and transition from inefficient routines to a solution that makes it easier for day-to-day operators to solve their city's parking management problems.

MyCity reduces the parking search traffic.

REDUCE
SEARCH TRAFFIC
IMPROVE AIR
QUALITY
GUIDE
YOUR CITY

The increasing search traffic for parking in cities leads to congestion on the access roads as well as noise and environmental pollution. Research has shown that up to one third of motorists in the inner city area are looking for parking.

Local drivers usually navigate to the car park closest to the city center; parking areas that are further away are often ignored.

MyCity, through targeted information including the location

and number of available parking spaces, leads the road users without detours to the next free parking space and creates an optimal management of existing parking spaces.



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. And as MyCity PGS is optimized for mobiles and tablets, it's accessible from wherever you are.

PROACTIVE MANAGEMENT

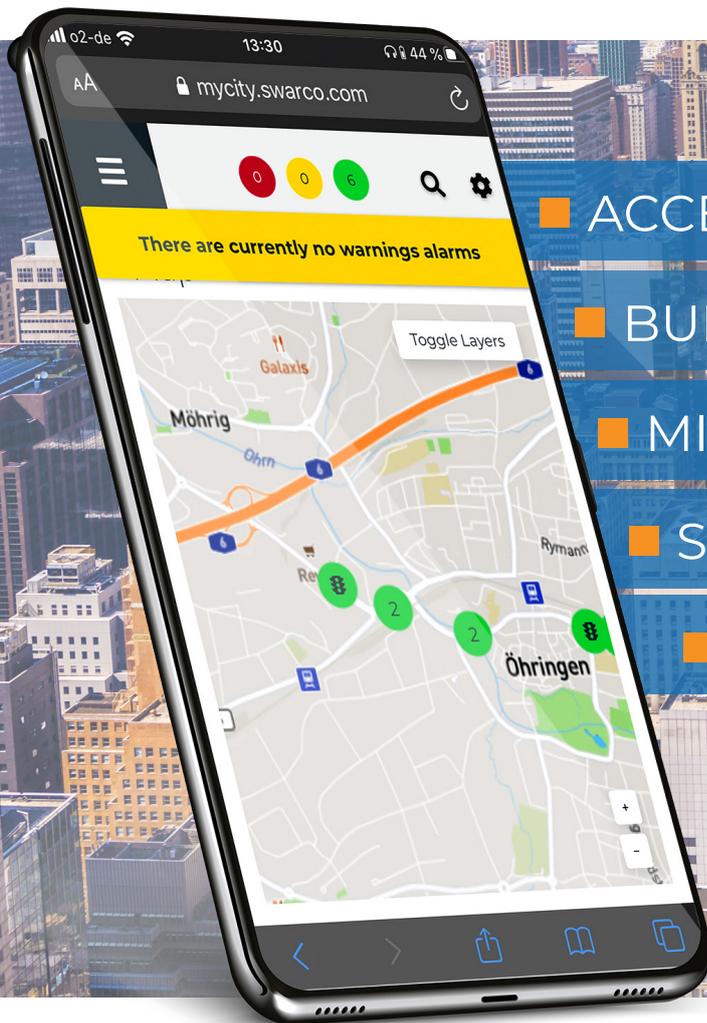
Monitor and control your parking signs and facilities in a digitalized format which not only makes your work more efficient but you can also make proactive decisions based on the historical data from previous events.

MODULAR AND SCALABLE

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

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.



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

CITY AND ROAD-USER BENEFITS

EFFICIENT VEHICLE MOVEMENT

Routing and re-routing traffic is highly important to keep a seamless traffic flow. Guide your road users to available parking spaces from home, via APP, or show parking information on VMS across the city.

REDUCE SEARCH TRAFFIC

Parking management, especially dynamic parking guidance systems make an important contribution to reducing the volume of traffic searching for parking spaces by encouraging the effective use of all the parking spaces available.

BETTER AIR QUALITY

Through traffic and parking management, road and search traffic can be optimized in an environmentally sensitive way, which can lead to a reduction in emissions and road noise.

As a consequence, road users also arrive faster and with less stress.

E2E SOLUTION WITH AN APP

MyCity PGS is also applicable with parking apps, e.g. SWARCO's parking app PARCO that is already available in over 150 German cities. By adding parking apps to existing parking and payment options, cities can position themselves as a Smart City and be seen as a modern and innovative place to live.

TECHNICAL DETAILS	
Core	User Management User Profile User Groups Single Sign-On
Device Management	Device Management Device Creation & Deletion New Device Approval
Permission Management	Permission Management
Standard functions	Tenant Configuration Multi-Screen Support Multi-Screen Support Map Help Center Dashboards
Audit log & search	Session log
Device integration	PKI & Device Provisioning UTMC (VMS) ETSI CAM Broker
Monitoring	Alarm Management Alarm Notification On-Duty Calendar Command Log Device States Messages Operational log Sign Monitor
Data & analytics	Configurable Tables & Exports
Control	Delayed Sending Scheduler Command Manager Sign message Manager
Cloud PGS	Integrate and Manage Carparks Integrate and Manage Quarters Parking Space Display ADC7000 / TLS DZK Communication Manager Integrate and Manage PGS Integrate and Manage Manage VPN Certificates

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