

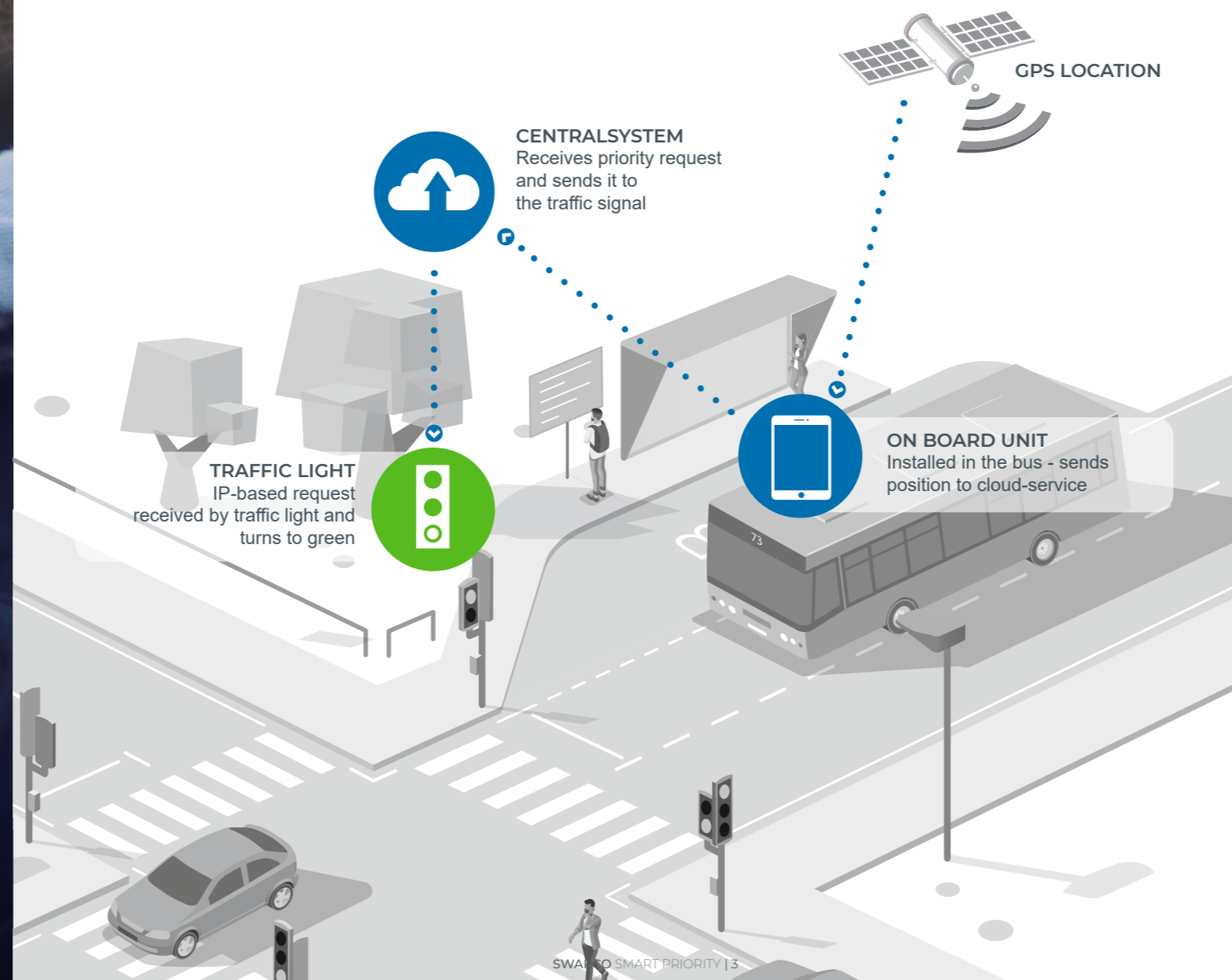


MAKE PUBLIC TRANSPORT AN ATTRACTIVE OPTION IN YOUR CITY

# PRIORITIZED PUBLIC TRANSPORT

As the population and the number of travelers increase, modern and effective mobility solutions are crucial to be able to ensure a high level of mobility and more sustainable cities. An important parameter to this regard is to enhance public transport and make it more attractive to the citizens, which will reduce traffic congestion and guarantee environmental benefits.

Smart Priority is a cloud-based and scalable solution to customized priority requests in traffic lights when either a central system or communication devices are installed on the bus and send position data from the bus. Smart Priority uses existing systems and infrastructures and provides a highly cost-effective tool for the optimisation of travel times, reducing CO2 emissions and creating a better passenger experience.



**CREATES MORE ENVIRONMENT-FRIENDLY CITIES**  
A better use of public transport is an effective tool towards reducing CO2 emissions and minimizing road congestions.



**IMPROVED TRAVEL TIMES**  
An attractive public transport requires that busses run smoothly through traffic so that timetables are respected.



**EASY TO IMPLEMENT**  
Smart Priority uses existing hardware and infrastructures and re-uses the existing algorithm of the traffic lights for bus priority.



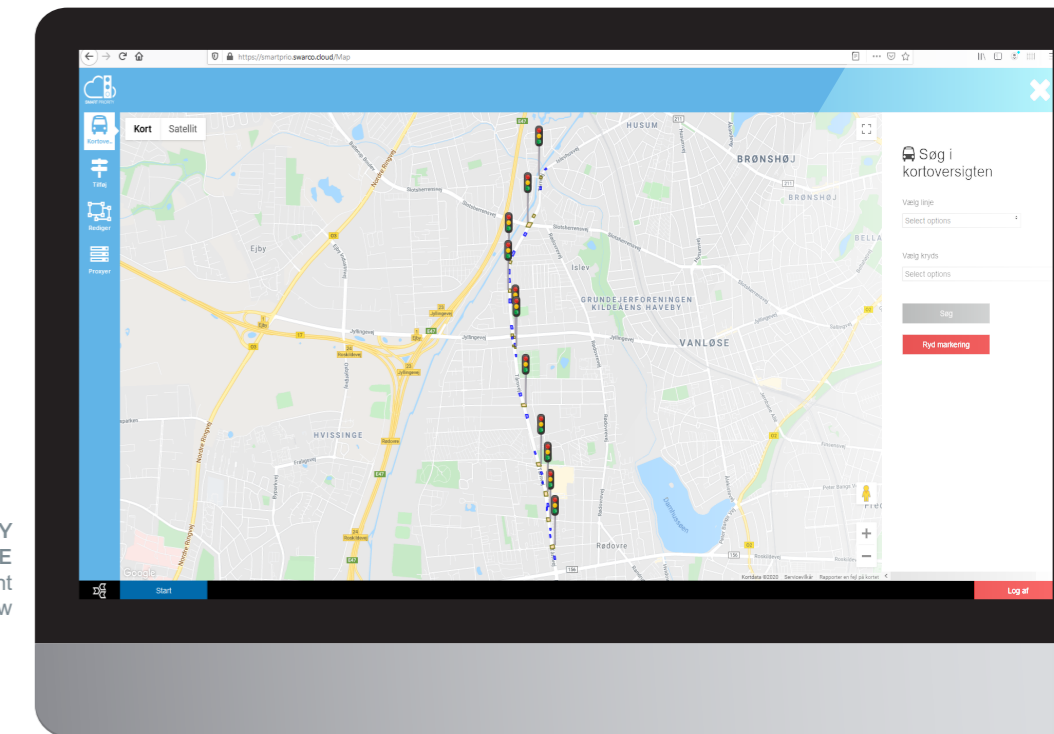
**COST EFFECTIVE**  
This solution does not require the installation of coils in the road which signifies that all costs for virtual bus priority are lower and is easier to service.

## HOW IT WORKS

Traffic lights receive priority requests from the bus position and rights which are then transmitted directly from the real time system that uses virtual detectors and which can be placed and configured according to the current traffic conditions.

Priority requests are transmitted from Smart Priority to the control device - and included in the existing algorithms and by means of the user-friendly web-interface, it can monitor, interact with, and review results and statistics.

**USER-FRIENDLY WEB-INTERFACE**  
Get access to important data and optimize traffic flow



## NEW FEATURE

# PRIORITY FOR EMERGENCY VEHICLES

The time factor is often crucial when emergency vehicles are on the go; whether the emergency vehicles are an ambulance call for casualties, fire rescue vehicles, or a police escort. It is therefore of great importance that these vehicles arrive on time. In many cases, a reduction of the response time just by a few minutes might save lives.

Med Smart Priority you can allocate a green wave to emergency vehicles and thus minimize the access time for emergencies, increase safety, and give the emergency response staff a better opportunity to treat the patient on the road.



## CORE FUNCTIONS



### FASTER RESPONSE

When using emergency priority, traffic passes quicker through the city hubs, as all traffic in front of the emergency vehicle is handled and controlled smoothly thus creating free passage through the intersection. A shorter response time simply saves lives.



### HIGHER SAFETY

There will also be a high risk of collision when you drive into an intersection with an active red light. Priority signals optimize safety for both the emergency vehicle and the other road users.



### A BETTER WORKING ENVIRONMENT

The police, the fire brigade, and emergency teams will experience a better flow and a less stressful emergency transport. In particular relating to the ambulance services, the constant breaking and acceleration is a great discomfort to both patients and rescue teams.

# SWARCO SMART PRIORITY

INTELLIGENT SOLUTIONS FOR PUBLIC TRANSPORT

SWARCO | The Better Way. Every Day.

SWARCO is a growing international group providing the complete range of products, systems, services and solutions for road safety and intelligent traffic management.

With five decades of experience in the industry, the corporation supports the growing mobility needs of society with turnkey systems and solutions in road marking, urban and interurban traffic control, parking, public transport, infomobility and street lighting. Cooperative systems, I2V communication, electromobility, and integrated software solutions for the Smart City are latest, future-oriented fields in the group's portfolio.

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