



## SMART PRIORITY

Smart Priority is a cloud-based solution for easy transfer of bus priority requests based on the bus or on-board unit position to the traffic signal controller. It uses the existing communication infrastructure and is scalable to fit both small and large bus fleets, this to provide a cost-efficient way of improving travel times.

## HOW DOES IT WORK?

The solution prioritizes requests based on the position of the bus which is received from a real-time system server. It utilizes virtual detectors that can be placed and rearranged depending on the current situation on the street. Priority requests are transferred from Smart Priority to the Traffic Controller and included in the existing algorithms. In the web based graphical interface you can monitor, interact and review performance and statistics.

## THE BENEFITS

- **Improved Travel Times** - decrease the travel time by adapting to the traffic control algorithm.
- **Easy to deploy** - take advantage of existing hardware infrastructure and re-use existing bus priority implementation in the traffic controller.
- **Scalable** - Suitable for both small and large bus fleets.
- **Flexible** - easy to adapt to different on-board systems and to adapt configuration to the current situation on the street.
- **Performance** - provides tools to track performance of the bus priority function in all integrated intersections.

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## SMART PRIORITY

WHEN PUBLIC TRANSPORT COMES FIRST



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## A CLOUD-BASED SOLUTION FOR BUS PRIORITY. THAT'S SMART!

Easy transfer of bus priority request to traffic lights.

## SMART PRIORITY SYSTEM OVERVIEW

Cloud-based central software system

