Environmentally-sensitive traffic management
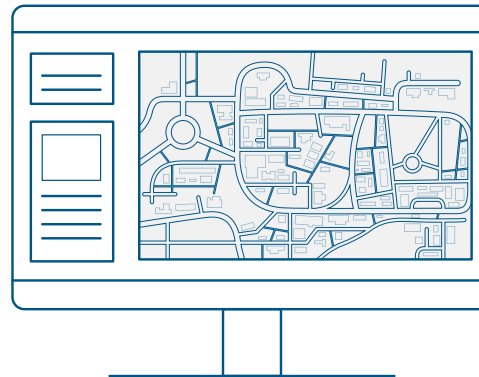## Urban and traffic planners

BOSCH
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Check
Regular traffic monitoring makes it possible to promptly examine the efficiency and effectiveness of measures introduced. Air quality acts as a decisive optimization here. Other possibilities for selective optimization result from real-time control of traffic.

Implement
The measures can be implemented in a simulation program which permits immediate optimization within this control cycle. Using the "Environmentally-sensitive traffic management" data service, it is now possible to illustrate the influence on the environment for the first time.

Develop
For urban and traffic planners, it is imperative to find extensive and long-term solutions. In developing new traffic control concepts or other urban development measures, the incorporation of the influences of traffic on ambient air plays a major role ensuring comprehensive and sustainable success.

Capture
Calculations of traffic emissions are based on recordings of the traffic situation via a simulation program. The main parameters in each package are traffic density, traffic events, and vehicle fleet structure. These main parameters are processed in the cloud to obtain emission packages per 20 meters of road.

Analyze
Traffic events can then be analyzed in great detail using these emission packages and the parameters already recorded. By including ambient air quality data, the contribution made by traffic can be assessed separately from the overall situation of local air quality.