



Initiatives for Realization of Automated Driving by Japan Police

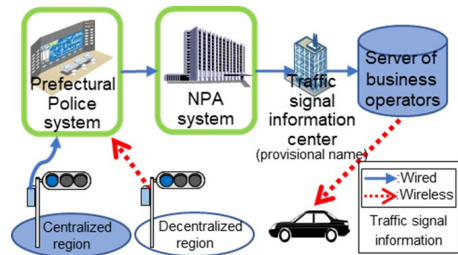
Technological examination to provide traffic signal information using cloud and other technologies (V2N)

Purpose

For the introduction of automated driving, we are examining the technology to provide traffic signal information using methods other than direct communication from a roadside unit, based on requests from private business operators.

Items to be examined in FY 2022

- ◆ Building and validation of Prefectural Police system
- ◆ Building and validation of NPA system



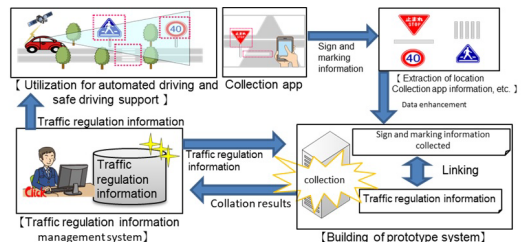
Research and studies on the improvement of data accuracy of traffic regulation information

Purpose

We are developing a model system and conducting field operation tests (FOTs) to improve the data accuracy of traffic regulation information managed by the police, which is required by automated driving vehicles.

Items to be examined in FY 2022

- ◆ Building of a prototype system and conducting FOT
- ◆ Examination of an extended version of the standard format documentation



Technological examination to control traffic signal priority using GNSS (for bus location information) and cellular network

Purpose

For the introduction of automated buses, we are examining the technology to control traffic signal priority without a roadside unit using GNSS (for bus location information) and cellular network.

Items to be examined in FY 2022

- ◆ Standardization for early implementation in the society
 - Formulation of standard specifications
 - Examination of introduction method for maximizing cost-effectiveness

