



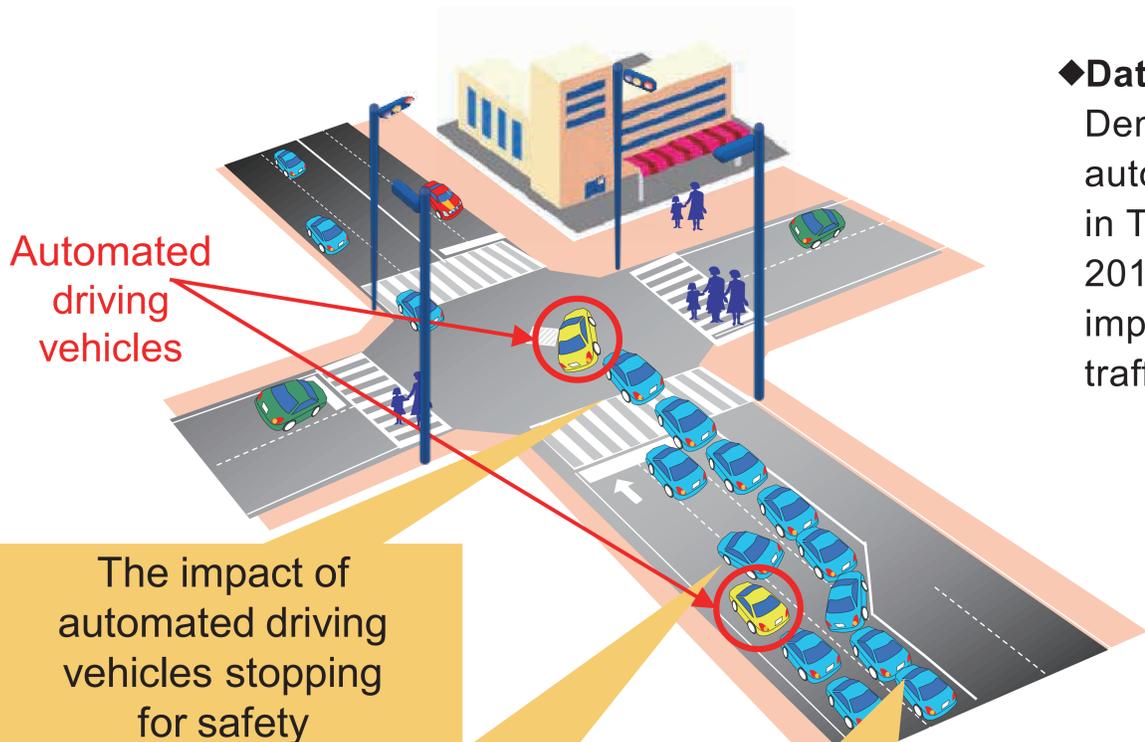
Impact Assessment (National Police Agency)

Assessment of the impact of automated driving vehicles on traffic flow using simulation

Purpose

In order to ensure road safety and smooth traffic when automated driving vehicles are introduced, we analyze the impact of automated driving vehicles on traffic flow using probe data and vehicle-to-vehicle data(V2V data).

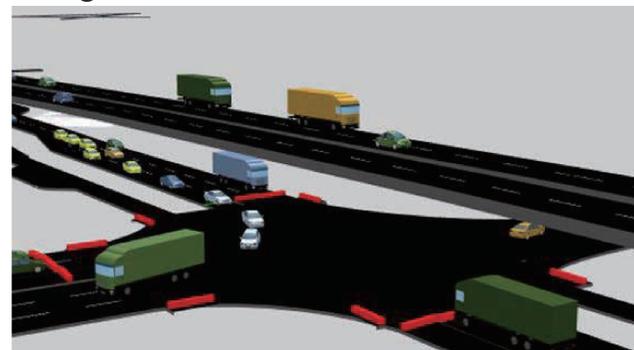
Items to be examined



◆Data collection

Demonstration experiments concerning automated driving vehicles are conducted in Tokyo waterfront area from October 2019, so it is possible to analyze the impact of automated driving vehicles on traffic flow using actual data.

Image of a traffic simulation model



◆Assessment of the impact of automated driving vehicles on traffic flow

- Compare the impact of automated driving vehicles with that of non-automated driving vehicles
- Arrange positive & negative impact
- Utilize actual data and a traffic simulation model for assessment

Future plan

We will foster public acceptance of automated driving vehicles and promote the spread, by considering traffic measures in the transitional period.